



Part 70 Air Quality Permit

**ABC, LLC
123 ABC Way
Rock Hill, South Carolina 29000**

In accordance with the provisions of the Pollution Control Act, Sections 48-1-50(5) and 48-1-110(a), and the 1976 Code of Laws of South Carolina, as amended, Regulation 61-62, the above named permittee is hereby granted permission to discharge air contaminants into the ambient air. The Bureau of Air Quality authorizes the operation of this facility and its applicable equipment specified herein in accordance with valid construction permits, and the plans, specifications, and other information submitted in the Title V permit application received on March 6, 2006, as amended.

This permit is subject to and conditioned upon the terms, limitations, standards, and schedules contained in or specified on the 47 pages of this permit and its accompanying attachments.

Permit Number:	TV-1234-5678	Effective Date:	January 1, 2009
Issue Date:	September 24, 2008	Expiration Date:	December 31, 2013
Acid Rain Permit:	TIV-1234-5678	Effective Date:	January 1, 2009
Issue Date:	September 24, 2008	Expiration Date:	December 31, 2013

**Director, Engineering Services Division
Bureau of Air Quality**

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PART 1 - GENERAL INFORMATION

PART 1.A - APPLICABLE PERMIT DATES

ISSUED DATE: September 24, 2008
EFFECTIVE DATE: January 01, 2009
EXPIRATION DATE: December 31, 2013
RENEWAL APPLICATION DUE DATE: June 30, 2013

PART 1.B - FACILITY INFORMATION

FEDERAL TAX IDENTIFICATION NUMBER: XX-XXXXXXX
SIC CODE(S): 2834, 2899
NAICS CODE(S): 325412, 325998
EPA (AIRS) FACILITY ID NUMBER: 4509105678

PART 1.C - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 123 ABC Way
COUNTY FACILITY IS LOCATED IN: York
CITY, STATE, ZIP FACILITY IS LOCATED IN: Rock Hill, SC, 29730

PART 1.D - FACILITY ENVIRONMENTAL CONTACT INFORMATION

ENVIRONMENTAL CONTACT NAME: C.R. Smith
FACILITY NAME: ABC, LLC
CONTACT MAILING ADDRESS: Any St. Any PO Box
CONTACT CITY, STATE, ZIP: Anywhere, SC 29xxx-xxxx
CONTACT TELEPHONE NUMBER: 803.xxx-xxxx
CONTACT FAX NUMBER: 803.xxx-yyyy
CONTACT INTERNET E-MAIL ADDRESS: CRSmith@xxxx.com

PART 1.E - FACILITY BILLING ADDRESS

BILLING CONTACT NAME: <BILLING CONTACT NAME>
FACILITY NAME: ABC, LLC
BILLING CONTACT ADDRESS: St. or PO Box
BILLING CONTACT CITY, STATE, ZIP: Any Place, USA xxxxx-xxxx

PART 2 - APPLICABILITY [SC Regulation 61-62.70.3(a)]

Condition Number	Condition
2.1	<p>The following sources are subject to permitting requirements of Part 70:</p> <ol style="list-style-type: none"> 1. Any major source; 2. Any source, including any area source, subject to a standard, limitation, or other requirement under Section 111 of the Clean Air Act (Act); 3. Any source, including any area source, subject to a standard or other requirement under Section 112 of the Act, except that a source is not required to obtain a permit solely because it is subject to regulations or requirements under Section 112(r) of the Act; 4. Any affected source under the Title IV Acid Rain Program; 5. Any source in a source category designated by the Administrator of the US Environmental Protection Agency (US EPA) (Administrator) pursuant to this Section; and 6. Any source listed in SC Regulation 61-62.70.3(a) that is exempt from the requirement to obtain a permit under SC Regulation 61-62.70.3(b) may opt to apply for a permit under this Part 70 program.
2.2	<p>The following source categories are exempted from the obligation to obtain a Part 70 permit, but are not exempted from other SC Department of Health and Environmental Control (Department) and US EPA requirements [SC Regulation 61-62.70.3(b)(4)]:</p> <ol style="list-style-type: none"> 1. All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR 60, Subpart AAA - Standards of Performance for New Residential Wood Heaters; and 2. All sources and source categories that would be required to obtain a permit solely because they are subject to 40 CFR 61, Subpart M - National Emission Standard for Hazardous Air Pollutants for Asbestos, Section 61.145, Standard for Demolition and Renovation.
2.3	<p>Any person that operates or proposes to operate a particular source or installation may submit a request in writing that the Department make a determination as to whether a particular source or installation is subject to the permit requirements of Part 70. The request must contain such information as is believed sufficient for the Department to make the requested determination. The Department may request any additional information that it needs for purposes of making the determination. [SC Regulation 61-62.70.3(e)]</p>

PART 3 - GENERAL REQUIREMENTS

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

PART 3.A - PERMIT ISSUANCE [SC Regulation 61-62.70.7(a)(1)]

Condition Number	Condition
3.A.1	A Title V operating permit does not excuse any facility from the preconstruction permitting requirements under SC Regulation 61-62.1.

PART 3 - GENERAL REQUIREMENTS

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

PART 3.A - PERMIT ISSUANCE [SC Regulation 61-62.70.7(a)(1)]

Condition Number	Condition
3.A.2	<p>A permit, permit modification, or renewal may be issued only if the following conditions have been met:</p> <ol style="list-style-type: none"> 1. The Department has received a complete application for a permit, permit modification, or permit renewal; 2. Except for modifications qualifying for minor permit modification procedures under SC Regulation 61-62.70.7(e)(2) and (3) the Department has complied with the requirements for public participation under SC Regulation 61-62.70.7(h); 3. The Department has complied with the requirements for notifying and responding to affected States under SC Regulation 61-62.70.8(b); 4. The conditions of the permit provide for compliance with all applicable requirements and the requirements of Part 70; and 5. The Administrator has received a copy of the proposed permit and any notices required under SC Regulation 61-62.70.8(a) and (b), and has not objected to issuance of the permit under SC Regulation 61-62.70.8(c) within the required time frame.

PART 3.B - PERMIT RENEWAL AND EXPIRATION [SC Regulation 61-62.70.7(c)]

Condition Number	Condition
3.B.1	Permits being renewed are subject to the same procedural requirements, including those for public participation, affected State and US EPA review, that apply to initial permit issuance; and
3.B.2	Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted consistent with SC Regulation 61-62.70.5(a)(1)(iii), 62.70.5(a)(2)(iv), and 62.70.7(b). In this case, the permit shall not expire until the renewal permit has been issued or denied. All terms and conditions of the permit including any permit shield that may be granted pursuant to SC Regulation 61-62.70.6(f) shall remain in effect until the renewal permit has been issued or denied.

PART 3.C - SEVERABILITY [SC Regulation 61-62.70.6(a)(5)]

Condition Number	Condition
3.C.1	The provisions of this permit are severable, and if any provision of this permit, or application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

PART 3.D - FEE ASSESSMENT AND PAYMENT [SC Regulation 61-62.70.6(a)(7)]

Condition Number	Condition
3.D.1	The owners or operators of Part 70 sources shall pay fees to the Department consistent with the fee schedule approved pursuant to SC Regulation 61-62.70.9.

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PART 3.E - SUBMITTAL OF INFORMATION [SC Regulation 61-62.70.6(a)(6)(v)]

Condition Number	Condition
3.E.1	The permittee shall furnish to the Department, within a reasonable time, any information that the Department may request, in writing, to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. The Department may also request that the permittee furnish such records directly to the Administrator along with a claim of confidentiality.

PART 3.F - PUBLIC PARTICIPATION [SC Regulation 61-62.70.7(h)]

Condition Number	Condition
3.F.1	Except for modifications qualifying for minor permit modification procedure, all permit proceedings, including initial permit issuance, significant modifications, and renewals, shall provide adequate procedures for public notice including offering an opportunity for public comment and hearing on the draft permit. These procedures shall meet all requirements of SC Regulation 61-62.70.7(h).

PART 3.G - PERMIT REOPENING [SC Regulation 61-62.70.7(f)]

Condition Number	Condition
3.G.1	The permit may be modified, revoked, reopened and reissued, or terminated for cause by the Department. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [SC Regulation 61-62.70.6(a)(6)(iii)].
3.G.2	This permit shall be reopened and revised under any of the following circumstances: <ol style="list-style-type: none"> 1. Additional applicable requirements under the Act become applicable to a major Part 70 source with a remaining permit term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement unless the regulation specifically provides for a longer compliance period. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to SC Regulation 61-62.70.7(c)(1)(ii). 2. Additional requirements, including excess emission requirements, become applicable to an affected source under the acid rain program. Excess emissions offset plans shall be deemed to be incorporated into this permit upon approval by the Administrator. 3. The Department or US EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit. 4. The Administrator or the Department determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
3.G.3	Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be as expeditious as practicable. Reopenings shall not be initiated before a notice of such intent is provided to the Part 70 source by the Department at least thirty (30) days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

PART 3.H - TEMPORARY SOURCES [SC Regulation 61-62.70.6(e)]

Condition Number	Condition
3.H.1	The Department may issue a single permit authorizing emissions from similar operations by the same source owner or operator at multiple temporary locations. The operation must be temporary and involve at least one change in location during the term of the permit. No sources subject to Title IV of the Act shall be permitted as a temporary source. Permits for temporary sources shall include all requirements of SC Regulation 61-62.70.6(e).

PART 3.I - EMERGENCY PROVISIONS [SC Regulation 61-62.70.6(g)(3)]

Condition Number	Condition
3.I.1	In the case of an emergency, as defined in SC Regulation 61-62.70.6(g), the permittee shall demonstrate an affirmative defense of emergency through properly signed, contemporaneous operating logs, or other relevant evidence that: <ol style="list-style-type: none"> 1. An emergency occurred and that the permittee can identify the cause(s) of the emergency; 2. The permitted facility was at the time being properly operated; and 3. During the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit.
3.I.2	Additionally, the permittee shall submit verbal notification of the emergency to the Department within twenty-four (24) hours of the time when emission limitations were exceeded, followed by written notifications within thirty (30) days. This notice fulfills the requirement of SC Regulation 61-62.70.6(a)(3)(iii)(B). This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
3.I.3	This provision is in addition to any emergency or upset provision contained in any applicable requirement. In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.

PART 3.J - PROPERTY RIGHTS [SC Regulation 61-62.70.6(a)(6)(iv)]

Condition Number	Condition
3.J.1	This permit does not convey any property rights of any sort, or any exclusive privilege.

PART 3.K - ECONOMIC INCENTIVES, MARKETABLE PERMITS, EMISSION TRADING [SC Regulation 61-62.70.6(a)(8)]

Condition Number	Condition
3.K.1	No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.

PART 3.L - TITLE IV SOURCES [SC Regulation 61-62.70.6(a)(4)]

Condition Number	Condition
3.L.1	Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator. [SC Regulation 61-62.70.6(a)(1)(ii)]

PART 3.L - TITLE IV SOURCES [SC Regulation 61-62.70.6(a)(4)]

Condition Number	Condition
3.L.2	The permittee is prohibited from emissions exceeding any allowances that the source lawfully holds under Title IV of the Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by a source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowances shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Act.

PART 3.M - ADMINISTRATIVE PERMIT AMENDMENTS [SC Regulation 61-62.70.7(d)(3)]

Condition Number	Condition
3.M.1	An administrative permit amendment as defined in SC Regulation 61-62.70.7(d) can be made by the Department consistent with the following: <ol style="list-style-type: none"> 1. The Department shall take no more than sixty (60) days from receipt of a request for an administrative permit amendment to take final action on such request, and may incorporate such changes without providing notice to the public or affected States provided that it designates any such permit revisions as having been made pursuant to this paragraph. 2. The Department shall submit a copy of the revised permit to the Administrator. 3. The source may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request, except transfer/ownership which must comply with SC Regulation 61-62.1, Section II(M).

PART 3.N - MINOR PERMIT MODIFICATIONS [SC Regulation 61-62.70.7(e)(2)]

Condition Number	Condition
3.N.1	Minor permit modifications can be made by the Department in accordance with SC Regulation 61-62.70.7(e)(2)(i). An application requesting the use of minor permit modification procedures shall meet the requirements of SC Regulation 61-62.70.5(c) and shall include items as specified in SC Regulation 61-62.70.7(e)(2)(ii).
3.N.2	The Department may modify the procedure outlined in SC Regulation 61-62.70.7(e)(2) to process groups of a source's applications for certain modifications eligible for minor permit modification processing. Group processing of minor permit applications will proceed as outlined in SC Regulation 61-62.70.7(e)(3).

PART 3.O - SIGNIFICANT PERMIT MODIFICATION PROCEDURES [SC Regulation 61-62.70.7(e)(4)]

Condition Number	Condition
3.O.1	Significant permit modification procedures shall be used for applications requesting permit modifications listed in SC Regulation 61-62.70.7(e)(4)(i). Significant permit modifications shall meet all requirements of Part 70, including those for applications, public participation, review by affected States, and review by US EPA, as they apply to permit issuance and permit renewal.

PART 3.P - DUTY TO COMPLY [SC Regulation 61-62.70.6(a)(6)(i)]

Condition Number	Condition
3.P.1	The permittee must comply with all of the conditions of this permit. Any permit noncompliance constitutes a violation of the SC Pollution Control Act and/or the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of permit renewal application.

PART 3.Q - INSPECTION AND ENTRY [SC Regulation 61-62.70.6(c)(2)]

Condition Number	Condition
3.Q.1	<p>Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or an authorized representative to perform the following:</p> <ol style="list-style-type: none"> 1. Enter upon the permittee's premises where a Part 70 source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit. 2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. 3. Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit. 4. As authorized by the Act and/or the SC Pollution Control Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

PART 3.R - COMPLIANCE REQUIREMENTS [SC Regulation 61-62.70.6(c)(5)]

Condition Number	Condition
3.R.1	Consistent with SC Regulations 61-62.70.6(a)(3), 61-62.70.6(a)(3)(iii)(A), and 61-62.70.6(c)(5), this permit contains compliance certification, testing, monitoring, reporting, and record keeping requirements sufficient to assure compliance with the terms and conditions of this permit. Any application form, report, or compliance certification shall contain a certification by a responsible official (as defined by SC Regulation 61-62.70.2(cc)) that meets the requirements of SC Regulation 61-62.70.5(d).
3.R.2	<p>The responsible official shall certify, annually, compliance with the conditions of this permit as required under SC Regulation 61-62.70.6(c). The compliance certification shall include the following:</p> <ol style="list-style-type: none"> 1. The identification of each term or condition of the permit that is the basis of the certification. 2. The identification of the method(s) or means used for determining the status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in SC Regulation 61-62.70.6(c)(5)(iii)(B). The certification shall identify each deviation and take it into account in the compliance certification. 3. The status of compliance with the terms and conditions of the permit for the period covered by the certification. 4. Such other facts as the Department may require to determine the compliance status of the source.

PART 3.S - RECORD KEEPING REQUIREMENTS [SC Regulation 61-62.70.6(a)(3)(ii)]

Condition Number	Condition
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PART 3.S - RECORD KEEPING REQUIREMENTS [SC Regulation 61-62.70.6(a)(3)(ii)]

Condition Number	Condition
3.S.1	<p>The permittee shall comply, where applicable, with the following monitoring/support information collection and retention record keeping requirements:</p> <ol style="list-style-type: none"> 1. Records of required monitoring information that include the following: <ol style="list-style-type: none"> a. The date, place as defined in the permit, and time of sampling or measurements; b. The date(s) analyses were performed; c. The company or entity that performed the analyses; d. The analytical techniques or methods used; e. The results of such analyses; and f. The operating conditions as existing at the time of sampling or measurement; 2. Retention of records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

PART 3.T - SCHEDULE OF COMPLIANCE [SC Regulation 61-62.70.5(c)(8)]

Condition Number	Condition
3.T.1	<p>The permittee shall submit a compliance schedule that contains the following for all Part 70 sources that are not in compliance with all applicable rules:</p> <ol style="list-style-type: none"> 1. A description of the source's compliance status and where appropriate a compliance schedule with respect to all applicable requirements as follows: <ol style="list-style-type: none"> a. For applicable requirements with which the source is in compliance, a statement that during the permit term the source will continue to comply with such requirements. b. For applicable requirements that will become effective during the permit term, a statement that the source will meet such requirements on a timely basis, unless a more detailed schedule is expressly required by the applicable requirement. c. A schedule of compliance for sources that are not in compliance with all applicable requirements at the time of permit issuance. This schedule shall include a narrative description of how the source will achieve compliance with such requirements, a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with all applicable requirements for which the source will be in noncompliance at the time of permit issuance. This compliance schedule shall be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. Any such schedule of compliance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based. 2. A schedule for submission of certified progress reports no less frequently than every six (6) months for sources required to have a schedule of compliance to remedy a violation. Progress reports shall meet the requirements of SC Regulation 61-62.70.6(c)(4)(i) and (ii). 3. The compliance plan content requirements specified in this paragraph shall apply and be included in the acid rain portion of a compliance plan for an affected source, except as specifically superseded by regulations promulgated under Title IV of the Act with regard to the schedule and method(s) the source will use to achieve compliance with acid rain emissions limitations.

PART 3.U - NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE [SC Regulation 61-62.70.6(a)(6)(ii)]

Condition Number	Condition
3.U.1	It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

PART 3.V - OPERATIONAL FLEXIBILITY [SC Regulation 61-62.70.7(e)(5)]

Condition Number	Condition
3.V.1	Changes under the Clean Air Act, Section 502(b)(10), are changes that contravene an express permit term. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements. A permitted facility is authorized to make section 502(b)(10) changes within its facility without requiring a permit revision, if the changes are not modifications under any provision of Title I of the Act and the changes do not exceed the emissions allowable under this permit. The permitted facility shall provide the Administrator and the Department written notification as required by SC Regulation 61-62.70.7(e)(5) at least seven (7) days prior to such changes.

PART 4 - FACILITY WIDE GENERAL REQUIREMENTS

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

Condition Number	Condition
4.1	In accordance with SC Regulation 61-62.1, Section II, the permittee must comply with all applicable Air Quality statutes and regulations of the United States and the State of South Carolina. This permit does not relieve the permittee from compliance with applicable local laws, ordinances, and regulations such as, but not exclusive to zoning, building permits and other programs regulated by entities other than the Bureau of Air Quality.

PART 4 - FACILITY WIDE GENERAL REQUIREMENTS

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

Condition Number	Condition
4.2	<p>In accordance with SC Regulation 61-62.1, Section II(J), for all sources not required to have continuous emissions monitors, any malfunction of air pollution control equipment or system, process upset or other equipment failure which results in discharges of air contaminants lasting for one hour or more and which are greater than those discharges described for normal operation in the permit application shall be reported to the local Environmental Quality Control (EQC) Regional office within twenty-four (24) hours after the beginning of the occurrence.</p> <p style="text-align: center;">*** EQC Field Office Air Quality Contact Phone No. - *** FAX No. - ***</p> <p>The permittee shall also submit a written report within thirty (30) days of the occurrence. This report shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality (BAQ).</p> <p style="text-align: center;">SCDHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201</p> <p>The report shall contain as a minimum, the following: the identity of the stack and/or emission point where the excess emissions occurred, the magnitude of excess emissions expressed in the units of the applicable emission limitation and the operating data and calculations used in determining the excess emissions, the time and duration of excess emissions, the identity of the equipment causing the excess emissions, the steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunction, the steps taken to limit the excess emissions, and documentation that control equipment, process equipment, and processes were at all times maintained and operated, to the maximum extent practicable, in a manner that was consistent with good practice for minimizing emissions. This defines the Department's definition of prompt in its relation to the degree of reporting as specified by SC Regulation 61-62.70.6(a)(3)(iii)(B).</p>
4.3	The owners or operators of Part 70 sources shall complete and submit a new updated emissions inventory consistent with the schedule approved pursuant to SC Regulation 61-62.1, Section III. This requirement notwithstanding, an emissions inventory may be required at any time in order to determine the compliance status of any facility.
4.4	The permittee shall comply with SC Regulation 61-62.2 "Prohibition of Open Burning".
4.5	The permittee shall comply with SC Regulation 61-62.4 "Hazardous Air Pollution Conditions".
4.6	The permittee shall comply with SC Regulation 61-62.6 "Control of Fugitive Particulate Matter", Section III "Control of Fugitive Particulate Matter Statewide".
4.7	The permittee shall comply with the standards of performance for asbestos abatement operations pursuant to 40 CFR Part 61.145 and SC Regulation 61-86.1, including, but not limited to, requirements governing training, licensing, notification, work practice, cleanup, and disposal.
4.8	The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, Protection of Stratospheric Ozone, Recycling and Emissions Reduction, except as provided for motor vehicle air conditioners (MVACs) in Subpart B. If the permittee performs a service on motor (fleet) vehicles that involves ozone-depleting substance refrigerant in MVACs, the permittee is subject to all applicable requirements of 40 CFR Part 82, Subpart B, Servicing of MVACs.

PART 4 - FACILITY WIDE GENERAL REQUIREMENTS

This part describes conditions and provisions applicable to all Part 70 sources. Specific source category conditions and requirements are contained in Part 5 of this permit.

Condition Number	Condition
4.9	Air dispersion modeling (or other method) has demonstrated that this facility's operation will not interfere with the attainment and maintenance of any state or federal ambient air quality standard. Any changes in the parameters used in the air dispersion modeling may require a review by the facility to determine continuing compliance with these standards. These potential changes include any decrease in stack height, decrease in stack velocity, increase in stack diameter, decrease in stack exit temperature, increase in building height or building additions, increase in emission rates, decrease in distance between stack and property line, changes in vertical stack orientation, and installation of a rain cap that impedes vertical flow. Parameters that are not required in the determination will not invalidate the demonstration if they are modified. The emission rates used in the determination are listed in Attachment A of this permit. Higher emission rates may be administratively incorporated into Attachment A of this permit provided a demonstration using these higher emission rates shows the attainment and maintenance of any state or federal ambient air quality standard or with any other applicable requirement. Variations from the input parameters in the demonstration shall not constitute a violation unless the maximum allowable ambient concentrations identified in the standard are exceeded. This is a State Only enforceable requirement.
4.10	The owner/operator shall maintain this facility at or below the emission rates as listed in Attachment A, not to exceed the pollutant limitations of this Part 70 operating permit. Should the facility wish to increase the emission rates listed in Attachment A, not to exceed the pollutant limitations in the body of this permit, it may do so by the administrative process specified in condition 4.9. This is a State Only enforceable requirement.
4.11	A list of equipment which are considered insignificant pursuant to SC Regulation 61-62.70.5(c) has been submitted with your Title V application and reviewed by the Bureau. The list, including source descriptions and citation for insignificant status, is summarized in Attachment B of this permit. Attachment B excludes those activities identified in Section A of the Insignificant Activities List for SC Regulation 61-62.70 "Title V Operating Permit Program." Written notification to the Bureau of Air Quality is required for the addition of any new equipment which may meet the definition of insignificant or exempt, excluding those sources listed in Section A of the Insignificant Activities List for SC Regulation 61-62.70 "Title V Operating Permit Program."

PART 5 - EMISSION UNIT REQUIREMENTS

PART 5.A - EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description	Control Device Type (Generic Description)
01	Boilers	Electrostatic Precipitator
02	Bulk Formulations	Baghouses
03	Lozenges Processes	None
04	Liquid Processes	Thermal Oxidizer
05	Over-the-Counter Products	Baghouse
06	Surface Coating Line	None
07	Boat Fabrication Process	Dry Filters
08	Boat Assembly & Miscellaneous Other Material Usage	None

PART 5.B - GENERIC EMISSION UNIT CONDITIONS

Condition Number	Emission Unit ID	Equipment (or CD-) ID	Condition
5.B.1	02	CD-Bag 1 CD-Bag 2 CD-Bag 6	<p>All gauges shall be readily accessible and easily read by operating personnel and Department personnel (i.e. on ground level or easily accessible roof level). Monitoring parameter readings (i.e., pressure drop readings, etc.) and inspection checks shall be maintained in logs (written or electronic), along with any corrective action taken when deviations occur. Each incidence of operation outside the operational ranges, including date and time, cause, and corrective action taken, shall be recorded and kept on site.</p> <p>Exceedance of operational range shall not be considered a violation of an emission limit of this permit, unless the exceedance is also accompanied by other information demonstrating that a violation of an emission limit has taken place. Reports of these incidences shall be submitted semiannually. If no incidences occurred during the reporting period then a letter shall indicate such.</p> <p>Any alternative method for monitoring control device performance must be preapproved by the Bureau and shall be incorporated into the permit as set forth in SC Regulation 61-62.70.7.</p>
	04	CD-RTO	
	05	CD-Bag 3 CD-Bag 5	
5.B.2	01	B2	<p>Unless otherwise specified in a condition, the owner or operator shall submit a site-specific test plan or a letter which amends a previously approved test plan to the Department at least 45 days prior to the proposed test date.</p> <p>Prior to conducting a source test, the owner or operator shall ensure that written notification is submitted to the Department at least two weeks prior to the test date. All source test reports shall be submitted to the Department no later than 30 days after the completion of the on-site testing.</p> <p>Site-specific test plans and amendments, notifications, and source test reports shall be submitted to the Manager of the Source Evaluation Section, Bureau of Air Quality (BAQ).</p> <p style="text-align: center;">SCDHEC - BAQ Source Evaluation Section 2600 Bull Street Columbia, SC 29201</p>
	04	CD-RTO	
	06	Coat Dry #1 Dry #2 Dry #3	
5.B.3	02	CD-Bag 1 CD-Bag 2 CD-Bag 6	<p>The owner/operator shall maintain on file all measurements including continuous monitoring system or monitoring device performance measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required in a permanent form suitable for inspection by Department personnel.</p>
	04	CD-RTO	
	05	CD-Bag 3 CD-Bag 5	
5.B.4	01-08	All sources	<p>Unless elsewhere specified within this permit, all records required to demonstrate compliance with the limits established under this permit shall be maintained on site for a period of at least five (5) years from the date generated and shall be made available to a Department representative upon request.</p>

PART 5.B - GENERIC EMISSION UNIT CONDITIONS

Condition Number	Emission Unit ID	Equipment (or CD-) ID	Condition
5.B.5	01-08	All sources	Equipment capacities provided under the Equipment Description column of the Equipment Tables in Part 5.C are not intended to be permit limits unless otherwise specified within the Table of Conditions for the particular equipment. However, this condition does not exempt the facility from the construction permitting process, from PSD review, nor from any other applicable requirements that must be addressed prior to increasing production rates.

PART 5.C - EMISSION UNIT - LIMITATIONS, MONITORING AND REPORTING
 [SC Regulation 61-62.1, Section II]; [SC Regulation 61-62.70.6(a)(3)(i)(B)]

PART 5.C.01a - EQUIPMENT FOR EMISSION UNIT ID 01 - Boilers

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
B1	25.7 million BTU/hr Natural Gas/25.21 million BTU/hr No. 6 Fuel Oil Fired Boiler	1975/ 1991 & 2003	None	S1
B2	2,400 million BTU/hr Coal/Fuel Oil/Natural Gas Fired Boiler	1960	CD-ESP	S11

PART 5.C.01b - CONTROL DEVICES FOR EMISSION UNIT ID 01 - Boilers

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-ESP	Electrostatic Precipitator; Manufacturer Name; Model No.	1974	PM/PM ₁₀

PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - Boilers

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions
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PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - Boilers

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions
01.1	B1	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 1, Emissions from Fuel Burning Operations, the boiler shall not discharge into the ambient air smoke which exceeds 20% opacity. The twenty (20) percent opacity limit may be exceeded for soot blowing, but may not be exceeded for more than six (6) minutes in a one hour period nor be exceeded for more than a total of twenty-four (24) minutes in a twenty-four (24) hour period. Emissions caused by soot blowing shall not exceed sixty (60) percent opacity.</p> <p>The opacity standards set forth above do not apply during startup or shutdown. The owner/operator shall, to the extent practicable, maintain and operate any source including associated air pollution control equipment in a manner consistent with good air pollution control practices for minimizing emissions. The owner/operator shall maintain a log of the time, magnitude, duration and any other pertinent information to determine periods of startup and shutdown and make these records available to a Department representative upon request.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on a daily basis when burning fuel oil. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. No periodic monitoring for opacity will be required during periods of burning natural gas or propane only. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The owner/operator shall submit semiannual reports.</p>
01.2	B1	PM	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section II - Particulate Matter Emissions, the allowable discharge of particulate matter resulting from the fuel burning operations is 0.6 pounds per million BTU input.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The boiler is permitted to burn only natural gas and No. 6 fuel oil with a maximum sulfur content of 1.0% by weight as fuel. The use of any other substances as fuel is prohibited without prior written approval from the Bureau of Air Quality. The owner/operator shall record and maintain records of the amounts and types of each fuel combusted by boiler 1. The amount and type of fuel combusted shall be recorded monthly for natural gas and daily for No. 6 fuel oil.</p>

PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - Boilers

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions
01.3	B1	NO _x	<p>Limits/Standards: In accordance with SC Regulation 61-62.1, Section II(E), boiler B1 oxide of nitrogen emissions are limited to less than 40 tons per year in order to avoid SC Regulation 61-62.5, Standard No. 7.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The boiler is limited to burning 400,000 gallons per year (based on a 12-month rolling sum) of No. 6 fuel oil. When burning No. 6 fuel oil, the owner/operator must record the actual amount of fuel burned daily. Reports of the amount of fuel being burned shall be submitted semiannually.</p>
01.4	B1 B2	SO ₂	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section III - Sulfur Dioxide Emissions, the maximum allowable discharge of SO₂ resulting from the fuel burning operations is 3.5 pounds per million BTU input for each boiler (Boiler 1 and Boiler 2).</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: Fuel oil sulfur content shall be less than or equal to 1.0 percent by weight. Acceptable fuel oil certification can be ensured by following Department guidance entitled "Guidance For Fuel Oil Certifications" issued on August 12, 2004 and any subsequent revisions. Fuel oil supplier certification shall be obtained for each batch of oil received and stored on site. Reports of the recorded sulfur content shall be submitted semiannually.</p>

PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - Boilers

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions
01.5	B1 B2	SO ₂	<p>Limits/Standards: In accordance with SC Regulation 61-62.1, Section II(E), the boilers (Boiler 1 and Boiler 2) combined SO₂ emissions are limited to less than 40 tons per year in order to avoid SC Regulation 61-62.5, Standard No. 7.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain fuel usage and sulfur content records and any other records necessary to determine SO₂ emissions from boilers B1 and B2. SO₂ emissions shall be calculated on monthly basis, and a twelve month rolling sum shall be calculated for total SO₂ emissions from the boilers. The twelve month rolling sum shall be less than 40 tons. Reports of the calculated values and the twelve-month rolling sum shall be submitted semiannually.</p> <p>An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall be included in the initial report. Subsequent submittals of the algorithm and example calculations are unnecessary, unless the method of calculation is found to be unacceptable by the Bureau or if the facility changes the method of calculating emissions and/or changes emission factors.</p>

PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - Boilers

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions
01.6	B2	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 1, Emissions from Fuel Burning Operations, the boiler shall not discharge into the ambient air smoke which exceeds 40% opacity. The forty (40) percent opacity limit may be exceeded for soot blowing, but may not be exceeded for more than six (6) minutes in a one hour period nor be exceeded for more than a total of twenty-four (24) minutes in a twenty-four (24) hour period. Emissions caused by soot blowing shall not exceed sixty (60) percent opacity.</p> <p>The opacity standards set forth above do not apply during startup or shutdown. The owner/operator shall, to the extent practicable, maintain and operate any source including associated air pollution control equipment in a manner consistent with good air pollution control practices for minimizing emissions. The owner/operator shall maintain a log of the time, magnitude, duration and any other pertinent information to determine periods of startup and shutdown and make these records available to a Department representative upon request.</p> <p>State Only: No</p> <p>Testing: Compliance with the Opacity limit shall be demonstrated through source testing in accordance with EPA Reference Test Method 9 and shall be done concurrently with required PM emissions testing. Alternative test methods may be allowed, provided Department approval is granted during the test plan submittal and approval process described in S.C. Regulation 61-62.1, Section IV "Source Tests" and 61-62.70.7 "Permit Issuance, Renewal, Reopenings and Revisions", as appropriate.</p> <p>Monitoring/Record Keeping/Reporting/Other: Quarterly Continuous Opacity Monitor reports shall be submitted. Monitor operations shall be subject to "South Carolina's Continuous Monitoring System Evaluation Plan (6/99)", as amended. The report shall include the following minimum information:</p> <p>A. All integrated six minute opacity measurements for periods during which the applicable provisions of SC Regulation 61-62.5, Standard No. 1, Section I, have been exceeded, together with their nature and cause.</p> <p>B. For periods of monitoring system malfunction:</p> <ul style="list-style-type: none"> i) The date and time identifying each period during which the monitoring system was inoperative, except for zero and span checks. ii) The nature of monitoring system repairs or adjustments. iii) Proof of opacity monitoring system performance may be required by the Department whenever repairs or adjustments have been made. <p>C. Boiler system repairs or adjustments made to correct violations of the provisions of SC Regulation 61-62.5, Standard No. 1, Section I.</p>

PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - Boilers

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions
01.7	B2	PM	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 1 - Emissions from Fuel Burning Operations, Section II - Particulate Matter Emissions (PM), the allowable discharge of particulate matter resulting from the fuel burning operations of 2400 million BTU input shall be determined by the use of the following equation: $E = 57.84P^{-0.637}$ where E = the allowable emission rate in pounds per million BTU heat input, and P = million BTU heat input per hour. PM emissions from the boiler shall not exceed 0.41 lbs/million BTU heat input.</p> <p>State Only: No</p> <p>Testing: Compliance with the PM emission limit shall be demonstrated through annual source testing in accordance with SC Regulation 62.1, Section IV - Source Tests and Federal requirements, when applicable. Alternative test methods may be allowed, provided Department approval is granted during the test plan submittal and approval process described in SC Regulation 61-62.1, Section IV - Source Tests and 61-62.70.7 - Permit Issuance, Renewal, Reopenings and Revisions, as appropriate. PM compliance shall be determined by averaging the test run emission rates over the test run durations as specified in the required test protocol. For periodic monitoring purposes if a unit exceeds 80 percent of its particulate emission limit during a source test, source tests shall be scheduled and conducted every 6 months. Upon demonstration that the source is operating under 80 percent of its particulate limit, as shown by three consecutive semiannual source tests, the source may resume annual source testing.</p> <p>Monitoring/Record Keeping/Reporting/Other: All source test reports shall be submitted to the Department no later than 30 days after the completion of the on-site testing.</p>
01.8	B2	SO ₂	<p>Limits/Standards: Limit specified in Attachment E: Title IV - Acid Rain Program.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: Quarterly Continuous Emissions Monitoring Reports shall be submitted. These reports shall include the 24 hour block average (24-one hour measurements which are summed and divided by 24) sulfur emission rates in lb/mm BTU, using unbiased data collected from the 40 CFR Part 75 acid rain CEMS. The standard missing data procedures as outlined in 40 CFR Part 75 will be used to represent SO₂ values during monitoring periods.</p> <p>The owner/operator shall comply with the monitoring and reporting requirements as provided in 40CFR Parts 74, 75 and 76.</p>

PART 5.C.01c - CONDITIONS FOR EMISSION UNIT ID 01 - Boilers

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions
01.9	B2	NO _x	<p>Limits/Standards: NO_x heat input limits as specified in Attachment E: Title IV - Acid Rain Program.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall comply with the monitoring and reporting requirements as provided in 40CFR Parts 74, 75 and 76.</p>

PART 5.C.02a - EQUIPMENT FOR EMISSION UNIT ID 02 - Bulk Formations

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
WH1	Weigh Hopper	1975	CD-Bag 1	S2
M1	Milling Machine	1975	CD-Bag 1	S2
MT1	Mixing Tank 1	1975	CD-Bag 1	S2
MT2	Mixing Tank 2	1975	CD-Bag 1	S2
MT3	Mixing Tank 3	1975	CD-Bag 1	S2
TP	Tablet Press	1975/2002	CD-Bag 2	S3
TC	Tablet Coater	2002	CD-Bag 8	S3
CP	Caplet Press	1984/2002	CD-Bag 6 CD-Bag 7	S9 S10
CC	Caplet Coater	1984/2002	CD-Bag 6 CD-Bag 7	S9 S10

PART 5.C.02b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 02 - Bulk Formations

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-Bag 1	Baghouse; Mikro-Pulsaire Baghouse, Model 10A, Serial #12345, pulse jet, 50 synthetic fiber bags, air to cloth ratio 10:1 (ft ³ /min)/ft ²	1975	PM/PM ₁₀
CD-Bag 2	Baghouse; Mikro-Pulsaire Baghouse, Model 10A, Serial #12346, pulse jet, 50 synthetic fiber bags, air to cloth ratio 10:1 (ft ³ /min)/ft ²	1975/2002	PM/PM ₁₀
CD-Bag 8*	Baghouse; Cartridge filter.	2002	PM/PM ₁₀
CD-Bag 6	Baghouse; Pulse jet, 50 synthetic fiber bags, air to cloth ratio 10:1 (ft ³ /min)/ft ²	1984/2002	PM/PM ₁₀
CD-Bag 7*	Baghouse; Pulse jet, 50 synthetic fiber bags, air to cloth ration 10:1 (ft ³ /min)/ft ²	1984/2002	PM/PM ₁₀
*Voluntary Control Devices			

PART 5.C.02c - CONDITIONS FOR EMISSION UNIT ID 02 - Bulk Formations

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Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions
02.1	WH M1 MT1 MT2 MT3	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began on or before December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 40%.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on a weekly basis. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The owner/operator shall submit semiannual reports.</p>
02.2	TP TC CP CC	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 20%.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on a weekly basis. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The owner/operator shall submit semiannual reports.</p>

PART 5.C.02c - CONDITIONS FOR EMISSION UNIT ID 02 - Bulk Formations

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions						
02.3	WH M1 MT1 MT2 MT3 TP TC CP CC	PM	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions shall be limited to the rate specified by use of the following equations: for process weight rates less than or equal to 30 tons per hour ($E = 4.10P^{0.67}$) and for process weight rates greater than 30 tons per hour ($E = 55.0P^{0.11} - 40$) where E = the allowable emission rate in pounds per hour and P = process weight rate in tons per hour. As such, emission unit ID02's allowable particulate matter emission limit is limited to the amount shown in the table below at its nominal production rating:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Unit ID</th> <th style="text-align: center;">Emission Limit (lbs/hr)</th> <th style="text-align: center;">Process Weight Rate (tons/hr)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">02 (total)</td> <td style="text-align: center;">29.78</td> <td style="text-align: center;">19.29</td> </tr> </tbody> </table> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall continue to operate and maintain pressure drop gauge(s) on each module of the baghouse(s), except for the voluntary control baghouses (Bag 8 and Bag7). Pressure drop readings shall be recorded daily during source operation. The baghouse(s) shall be in place and operational whenever processes controlled by the baghouse(s) are running, except during periods of baghouse malfunction or mechanical failure.</p> <p>Operational ranges for the monitored parameters have been established to indicate proper operation of the control devices. These operational ranges for the monitored parameters were derived from stack test data, vendor certification, and/or operational history and visual inspections, which demonstrate the proper operation of the equipment in compliance. The facility shall maintain previously established operational ranges for these monitored parameters. The operating ranges may be updated using this procedure, following submittal to the Bureau.</p>	Unit ID	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)	02 (total)	29.78	19.29
Unit ID	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)							
02 (total)	29.78	19.29							

PART 5.C.03a - EQUIPMENT FOR EMISSION UNIT ID 03 - Lozenges Process

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
LSM-1	Lozenges Slurry Mixer 1	1993	None	S5
LE-1	Lozenges Extruder 1	1993	None	S5
LEM-2	Lozenges Slurry Mixer 2	2000	None	S6
LE-2	Lozenges Extruder 2	2000	None	S6

PART 5.C.03b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 03 - Lozenges Process

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
None	None	None	None

PART 5.C.03c - CONDITIONS FOR EMISSION UNIT ID 03 - Lozenges Process

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions
03.1	LSM-1 LE-1 LSM-2 LE-2	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 20%.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on a weekly basis. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The owner/operator shall submit semiannual reports.</p>

PART 5.C.04a - EQUIPMENT FOR EMISSION UNIT ID 04 - Liquid Process

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
CSP/LV-E	Cough Suppressants Process/Liquid Vitamin Plastic Bottle Extruder & Filler	1975/2000	CD-RTO	S7
LMT-1	Mixing Tank 1	1986/2000	CD-RTO	S7
LMT-2	Mixing Tank 2	1986/2000	CD-RTO	S7
EU-1	Extraction Unit 1	1986/2000	CD-RTO	S7
EU-2	Extraction Unit 2	1986/2000	CD-RTO	S7

PART 5.C.04b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 04 - Liquid Process

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
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PART 5.C.04b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 04 - Liquid Process

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
CD-RTO	Regenerative Thermal Oxidizer, 3.5 million Btu/hr.	1986	VOC, Hexane, Methanol

PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - Liquid Process

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions
04.1	CSP/LV-E LMT-1 LMT-2 EU-1 EU-2	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 20%.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on a weekly basis. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. No periodic monitoring for opacity will be required during periods of burning natural gas or propane only. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The owner/operator shall submit semiannual reports.</p>

PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - Liquid Process

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions
04.2	CSP/LV-E LMT-1 LMT-2 EU-1 EU-2	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 3 - Waste Combustion And Reduction, Section III - Emission Limitations And Operating Requirements, Industrial Incinerators the RTO shall be limited to an opacity of 20%. State-Only requirement</p> <p>State Only: Yes</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on a weekly basis. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. No periodic monitoring for opacity will be required during periods of burning natural gas or propane only. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The owner/operator shall submit semiannual reports.</p>
04.3	RTO	PM	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 3 - Waste Combustion And Reduction, Section III - Emission Limitations And Operating Requirements, Industrial Incinerators the RTO particulate matter emissions shall be limited to 0.5 pounds per million BTU input. State-Only requirement</p> <p>State Only: Yes</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The thermal oxidizer is permitted to burn only natural gas as a secondary fuel. The use of any other substances as a secondary fuel is prohibited without prior written approval from the Bureau of Air Quality. The owner/operator shall record and maintain records of the amounts and types of each fuel combusted by the RTO. The amount and type of fuel combusted shall be recorded monthly.</p>
04.4	CSP/LV-E LMT-1 LMT-2 EU-1 EU-2 RTO	VOC	<p>Limits/Standards: In accordance with SC Regulation 61-62.1, Section II(E), the liquid process thermal oxidizer's VOC emissions are limited to less than 40 tons per year in order to avoid SC Regulation 61-62.5, Standard No. 7.</p> <p>State Only: No</p> <p>Testing: (A) This facility shall continue to conduct Method 25 VOC testing every two years; in accordance with SC Regulation 61-62.1, Section IV, to show compliance with SC Regulation 61-62.1, Section II(E). Alternative test methods may be allowed, provided Department approval is granted during the test plan submittal and approval process described in S.C. Regulation 61-62.1, Section IV "Source Tests" and 61-62.70.7 "Permit Issuance,</p>

PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - Liquid Process

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions
			<p>Renewal, Reopenings and Revisions", as appropriate.</p> <p>(B) The minimum operating temperature for the combustion chamber temperature with supporting documentation and quality assurance procedures shall be submitted to the Bureau for approval within 180 days of the effective date of this permit. At that time an excursion for monitoring parameters shall also be defined. These operational ranges for the monitored parameters shall be derived from data which demonstrate a reasonable assurance of compliance. Process and capture system operational parameters shall be monitored during the stack tests and operational ranges or inspection and maintenance activities shall be developed for these parameters to demonstrate a reasonable assurance of compliance. Testing must be conducted in accordance with SC Regulation 61-62.1, Section IV, Source Tests. The owner or operator shall coordinate with the Source Evaluation Section of this Bureau, and the test must be performed according to a protocol approved by this Department. The Bureau shall be notified not less than two (2) weeks before the initiation of the test and the final test report must be submitted no later than 30 days after completion of on-site testing.</p> <p>Monitoring/Record Keeping/Reporting/Other:</p> <p>(A) The owner/operator shall maintain records of all volatile organic compounds (VOC). These records shall include the total amount of each material used, the VOC content in percent by weight of each material and any other records necessary to determine VOC emissions from the liquid process. VOC emissions shall be calculated on a monthly basis, and a twelve-month rolling sum shall be calculated for total VOC emissions. The twelve-month rolling sum shall be less than 40 tons VOC. Reports of the calculated values, recorded parameters, and the twelve-month rolling sum shall be submitted semiannually.</p> <p>An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall be included in the initial report. Subsequent submittals of the algorithm and example calculations are unnecessary, unless the method of calculation is found to be unacceptable by the Bureau or if the facility changes the method of calculating emissions and/or changes emission factors.</p> <p>(B) The owner/operator shall continue to operate and maintain temperature indicators on the combustion chamber outlet for the thermal oxidizer (RTO). Temperature readings shall be recorded at least every fifteen (15) seconds and maintained on site. The RTO shall be in place and operational whenever processes controlled by the RTO are running, except during periods of RTO malfunction or mechanical failure.</p> <p>Operational ranges for the monitored parameters have been established to indicate proper operation of the control devices. These operational ranges for the monitored parameters were derived from stack test data, vendor certification, and/or operational history and visual inspections, which demonstrate the proper operation of the equipment in compliance. The facility shall maintain previously established operational ranges for these monitored parameters. The operating ranges may be updated using this procedure, following submittal to the Bureau.</p>

PART 5.C.04c - CONDITIONS FOR EMISSION UNIT ID 04 - Liquid Process

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions
			<p>(C) The regenerative thermal oxidizer (RTO) is subject to 40 CFR 64, Compliance Assurance Monitoring and shall comply with all applicable provisions.</p> <p>To meet the requirements of 40 CFR 64 for the Regenerative Thermal Oxidizer (RTO) of Emission Unit ID 04, the indicator for VOC emissions will be combustion chamber outlet temperature. The owner/operator shall continue to operate, and maintain a thermocouple as the measurement approach. Combustion chamber temperature shall be used to provide assurance of compliance with the 40 TPY VOC limit.</p> <p>The operational range, exceedance and excursion information shall be incorporated into the facility's Part 70 (Title V) Operating Permit once all appropriate testing has been completed and the test results have been approved by the Bureau. Such incorporation will represent a minor modification to the permit. The facility shall provide all relevant information for this modification, including a listing of the exact changes needed to the existing Title V permit as required by Part 70 regulations. The facility shall update their CAM plan with this information as appropriate.</p>

PART 5.C.05a - EQUIPMENT FOR EMISSION UNIT ID 05 - Over-the-Counter Products

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
OCPP	Over-the-Counter Pharmaceutical Products Press	1993/2001	CD-Bag 3	S8
OCM	Milling Machine	1993	CD-Bag 3	S8
OCM1	Mixing Tank 1	1993	CD-Bag 3	S8
OCM2	Mixing Tank 2	1993	CD-Bag 3	S8
GM	Coating Machine	1994	CD-Bag 5	S4

PART 5.C.05b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 05 - Over-the-Counter Products

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
CD-Bag 3	Baghouse, pulse jet, 50 synthetic fiber bags, air to cloth ratio 10:1 (ft ³ /min)/ft	1993	PM/PM ₁₀
CD-Bag 5	Baghouse, pulse jet, 50 synthetic fiber bags, air to cloth ratio 10:1 (ft ³ /min)/ft ²	1994	PM/PM ₁₀

PART 5.C.05c - CONDITIONS FOR EMISSION UNIT ID 05 - Over-the-Counter Products

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions
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PART 5.C.05c - CONDITIONS FOR EMISSION UNIT ID 05 - Over-the-Counter Products

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions
05.1	OCPP OCM OCM1 OCM2 GM	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 20%.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on a daily basis. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The owner/operator shall submit semiannual reports.</p>

PART 5.C.05c - CONDITIONS FOR EMISSION UNIT ID 05 - Over-the-Counter Products

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions						
05.2	OCPP OCM OCM1 OCM2 GM	PM	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions shall be limited to the rate specified by use of the following equations: for process weight rates less than or equal to 30 tons per hour ($E = 4.10P^{0.67}$) and for process weight rates greater than 30 tons per hour ($E = 55.0P^{0.11} - 40$) where E = the allowable emission rate in pounds per hour and P = process weight rate in tons per hour. As such, emission unit ID04's allowable particulate matter emission limit is limited to the amount shown in the table below at its nominal production rating:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Unit ID</th> <th style="text-align: center;">Emission Limit (lbs/hr)</th> <th style="text-align: center;">Process Weight Rate (tons/hr)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">05 (total)</td> <td style="text-align: center;">21.03</td> <td style="text-align: center;">11.48</td> </tr> </tbody> </table> <p>State Only: No Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall continue to operate and maintain pressure drop gauge(s) on each module of the baghouse(s). Pressure drop readings shall be recorded daily during source operation. The baghouse(s) shall be in place and operational whenever processes controlled by the baghouse(s) are running, except during periods of baghouse malfunction or mechanical failure.</p> <p>Operational ranges for the monitored parameters have been established to indicate proper operation of the control devices. These operational ranges for the monitored parameters were derived from stack test data, vendor certification, and/or operational history and visual inspections, which demonstrate the proper operation of the equipment in compliance. The facility shall maintain previously established operational ranges for these monitored parameters. The operating ranges may be updated using this procedure, following submittal to the Bureau.</p>	Unit ID	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)	05 (total)	21.03	11.48
Unit ID	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)							
05 (total)	21.03	11.48							

PART 5.C.06a - EQUIPMENT FOR EMISSION UNIT ID 06 - Surface Coating Line

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
Coat	Coater	1970	None	SC
Dry #1	Dryer #1	1970	None	SD1
Dry #2	Dryer #2	1970	None	SD2
Dry #3	Dryer #3	1982	None	SD3

PART 5.C.06b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 06 - Surface Coating Line

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
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PART 5.C.06b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 06 - Surface Coating Line

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutant(s) Controlled
None	None	None	None

PART 5.C.06c - CONDITIONS FOR EMISSION UNIT ID 06 - Surface Coating Line

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions
06.1	Dry #1 Dry #2 Dry #3	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began on or before December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 40%.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The dryers are permitted to burn only natural gas. The use of any other substances as a secondary fuel is prohibited without prior written approval from the Bureau of Air Quality. The owner/operator shall record and maintain records of the amounts and types of each fuel combusted by the dryers. The amount and type of fuel combusted shall be recorded monthly.</p>
06.2	Coat	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began on or before December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 40%.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall perform a visual inspection on an annual basis. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording.</p>

PART 5.C.06c - CONDITIONS FOR EMISSION UNIT ID 06 - Surface Coating Line

Condition Number	Equipment ID	Regulated Pollutant/ Standard	Conditions
06.3	Coat Dry #1 Dry #2 Dry #3	VOC	<p>Limits/Standards: Total VOC emissions from the entire coating operation, including dryers, are limited to less than 171 tons per year in order to avoid SC Regulation 61-62.5, Standard No. 7.</p> <p>The entire coating operation, including dryers, is subject to SC 62.5 Standard 5 Section II Part C- Surface Coating of Paper, Vinyl, and Fabric. The owner/operator shall meet all applicable emission limits, monitoring, record keeping and reporting requirements. In accordance with Section II Part C 1-. Emission Limitations, no owner or operator of a fabric, vinyl, or paper coating application system, including saturation processes, may cause, allow or permit the discharge into the atmosphere of any volatile organic compounds in excess of 2.9 pounds per gallon (0.35 kilograms per liter) of coating, excluding water and exempt solvents, delivered to the fabric or paper coating applicator system.</p> <p>State Only: No</p> <p>Testing: EPA method 18/25/25A shall be used to define and quantify VOC emissions from this unit.. Alternative test methods may be allowed, provided Department approval is granted during the test plan submittal and approval process described in S.C. Regulation 61-62.1, Section IV "Source Tests" and 61-62.70.7 "Permit Issuance, Renewal, Reopenings and Revisions", as appropriate.</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of all volatile organic compounds (VOC). These records shall include the total amount of each material used, the VOC content in percent by weight of each material and any other records necessary to determine facility wide VOC emissions. VOC emissions shall be calculated on a daily basis and a twelve-month rolling sum shall be calculated for total VOC. Reports of the calculated values and the twelve-month rolling sum shall be submitted semiannually.</p> <p>An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall be included in the initial report. Subsequent submittals of the algorithm and example calculations are unnecessary, unless the method of calculation is found to be unacceptable by the Bureau or if the facility changes the method of calculating emissions and/or changes emission factors.</p>
06.4	Coat Dry #1 Dry #2 Dry #3	VOC	<p>Limits/Standards: Total operating hours for all the drying ovens combined are limited to operating a maximum of 3200 hours per year based on a twelve month rolling sum in order to comply with SC Regulation 61-62.5, Standard No. 8.</p> <p>State Only: Yes</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator must record the actual monthly operating hours. Reports of the recorded hours of operation and 12 month rolling sum shall be submitted semiannually.</p>

PART 5.C.07a - EQUIPMENT FOR EMISSION UNIT ID 07 - Boat Fabrication Process

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
GS1	Gelcoat Spray System; 1 station	2005	CD-DF	S12
RS1	Resin Spray System; 6 stations	2005	CD-DF	S12
GS2	3 Atomizing Gel Coat Spray Guns	2005	CD-F3	S13
RS2	6 Non-Atomizing Resin Flowcoaters	2005	CD-F4	S14

PART 5.C.07b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 07 - Boat Fabrication Process

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
CD-DF	Dry Filter	2005	PM/PM ₁₀
CD-F3	Dry Filter	2005	PM/PM ₁₀
CD-F4	Dry Filter	2005	PM/PM ₁₀

PART 5.C.07c - CONDITIONS FOR EMISSION UNIT ID 07 - Boat Fabrication Process

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions
07.1	GS1 GS2 RS1 RS2	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 20%.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The permittee shall perform a visual inspection on a semiannual basis. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The owner/operator shall submit semiannual reports.</p>

PART 5.C.07c - CONDITIONS FOR EMISSION UNIT ID 07 - Boat Fabrication Process

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions									
07.2	GS1 GS2 RS1 RS2	PM	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions shall be limited to the rate specified by use of the following equations: for process weight rates less than or equal to 30 tons per hour ($E = 4.10P^{0.67}$) and for process weight rates greater than 30 tons per hour ($E = 55.0P^{0.11} - 40$) where E = the allowable emission rate in pounds per hour and P = process weight rate in tons per hour. As such, each process's allowable particulate matter emission limit is limited to the amount shown in the table below at its nominal production rating:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Process</th> <th style="text-align: center;">Emission Limit (lbs/hr)</th> <th style="text-align: center;">Process Weight Rate (tons/hr)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Gel Coat (GS1, GS2)</td> <td style="text-align: center;">6.26</td> <td style="text-align: center;">1.88</td> </tr> <tr> <td style="text-align: center;">Resin (RS1, RS2)</td> <td style="text-align: center;">6.26</td> <td style="text-align: center;">1.88</td> </tr> </tbody> </table> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: Dry filter(s) shall be operational and in place at all times when equipment or processes controlled by filter(s) are operating, except during periods of malfunction or mechanical failure. A schedule shall be implemented for the daily inspection and regular cleaning or replacement of the dry filter(s). Records of these events shall be entered in a permanent media and maintained on site.</p>	Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)	Gel Coat (GS1, GS2)	6.26	1.88	Resin (RS1, RS2)	6.26	1.88
Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)										
Gel Coat (GS1, GS2)	6.26	1.88										
Resin (RS1, RS2)	6.26	1.88										

PART 5.C.08a - EQUIPMENT FOR EMISSION UNIT ID 08 - Boat Assembly & Miscellaneous Other

Material Usage

Equipment ID	Equipment Description	Installation Date/Modification Date	Control Device ID	Emission Point ID
A-OP	Carpet and Fabric Adhesive Operations	2005	None	None
C-OP	Resin and Gel Coat Application Equipment Cleaning Operations	2005	None	None

PART 5.C.08b - CONTROL DEVICE(S) FOR EMISSION UNIT ID 08 - Boat Assembly & Miscellaneous

Other Material Usage

Control Device ID	Control Device Description	Installation Date/Modification Date	Pollutant(s) Controlled
None	None	None	None

PART 5.C.08c - CONDITIONS FOR EMISSION UNIT ID 08 - Boat Assembly & Miscellaneous Other

Material Usage

Condition Number	Equipment ID	Regulated Pollutant/Standard	Conditions						
08.1	A-OP	Opacity	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section IX - Visible Emissions (Where Not Specified Elsewhere), where construction or modification began after December 31, 1985, emissions (including fugitive emissions) shall not exhibit an opacity greater than 20%.</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The permittee shall perform a visual inspection on a semiannual basis. Visual Inspection means a qualitative observation of opacity during daylight hours where the inspector records results in a log, noting color, duration, density (heavy or light), cause and corrective action taken for any abnormal emissions. The observer does not need to be certified to conduct valid visual inspections. However, at a minimum, the observer should be trained and knowledgeable about the effects on visibility of emissions caused by background contrast, ambient lighting, and observer position relative to lighting, wind, and the presence of uncombined water. Logs shall be kept to record all visual inspections, including cause and corrective action taken for any abnormal emissions and visual inspections from date of recording. The owner/operator shall submit semiannual reports.</p>						
08.2	A-OP	PM	<p>Limits/Standards: In accordance with SC Regulation 61-62.5, Standard No. 4 - Emissions from Process Industries, Section VIII - Other Manufacturing, particulate matter emissions shall be limited to the rate specified by use of the following equations: for process weight rates less than or equal to 30 tons per hour ($E = 4.10P^{0.67}$) and for process weight rates greater than 30 tons per hour ($E = 55.0P^{0.11} - 40$) where E = the allowable emission rate in pounds per hour and P = process weight rate in tons per hour. As such, each process's allowable particulate matter emission limit is limited to the amount shown in the table below at its nominal production rating:</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="width: 30%;">Process</th> <th style="width: 30%;">Emission Limit (lbs/hr)</th> <th style="width: 30%;">Process Weight Rate (tons/hr)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Adhesives (A-OP)</td> <td style="text-align: center;">6.26</td> <td style="text-align: center;">1.88</td> </tr> </tbody> </table> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other:</p>	Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)	Adhesives (A-OP)	6.26	1.88
Process	Emission Limit (lbs/hr)	Process Weight Rate (tons/hr)							
Adhesives (A-OP)	6.26	1.88							

PART 5.D. - CONDITIONS FOR FACILITY WIDE - LIMITATIONS, MONITORING AND REPORTING
[SC Regulation 61-62.1, Section II]; [SC Regulation 61-62.70.6(a)(3)(i)(B)]

Condition Number	Regulated Pollutant/Standard	Conditions

PART 5.D. - CONDITIONS FOR FACILITY WIDE - LIMITATIONS, MONITORING AND REPORTING
[SC Regulation 61-62.1, Section II]; [SC Regulation 61-62.70.6(a)(3)(i)(B)]

Condition Number	Regulated Pollutant/ Standard	Conditions
5.D.1	VOC	<p>Limits/Standards: As specified by SC Regulation 61-62.1, Section II(E) - Synthetic Minor Construction Permits - this facility is limited to VOC emissions of <250 tons/yr resulting in minor source status for PSD (SC Regulation 61-62.5, Standard No. 7 avoidance).</p> <p>State Only: No</p> <p>Testing: Not Required</p> <p>Monitoring/Record Keeping/Reporting/Other: The owner/operator shall maintain records of all volatile organic compounds (VOC). These records shall include the total amount of each material used, the VOC content in percent by weight of each material, and any other records necessary to determine facility wide VOC emissions. VOC emissions shall be calculated on a monthly basis, and a twelve-month rolling sum shall be calculated for total VOC and HAP emissions. The twelve-month rolling sum shall be less than 250 tons. Reports of the calculated values and the twelve-month rolling sum shall be submitted semiannually.</p> <p>An algorithm, including example calculations and emission factors, explaining the method used to determine emission rates shall be included in the initial report. Subsequent submittals of the algorithm and example calculations are unnecessary, unless the method of calculation is found to be unacceptable by the Bureau or if the facility changes the method of calculating emissions and/or changes emission factors.</p>

PART 6 - ADDITIONAL CONDITIONS

PART 6.A - OPERATIONAL FLEXIBILITY

Condition Number	Conditions
N/A	N/A

PART 6.B - COMPLIANCE SCHEDULE [SC Regulation 61-62.70.5(c)(8)]

Condition Number	Conditions
N/A	N/A

PART 6.C - PERMIT SHIELD [SC Regulation 61-62.70.6(f)]

A copy of the "applicability determination" submitted with the Part 70 permit application is included as Attachment C. Compliance with the terms and conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance. The permittee shall also be shielded from any non-applicable requirements as agreed upon by the Department as specified in Attachment C with the exception of the following.

Exceptions

PART 6.C - PERMIT SHIELD [SC Regulation 61-62.70.6(f)]

A copy of the "applicability determination" submitted with the Part 70 permit application is included as Attachment C. Compliance with the terms and conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance. The permittee shall also be shielded from any non-applicable requirements as agreed upon by the Department as specified in Attachment C with the exception of the following.

Exceptions
SC Regulation 61-62.5 Standard No. 7, Prevention of Significant Deterioration
SC Regulation 61-62.5 Standard No. 7.1, Nonattainment New Source Review (NSR)
40 CFR Part 61 Subpart M, National Emission Standard for Asbestos

Nothing in the permit shield or in any Part 70 permit shall alter or affect the provisions of Section 303 of the Act, Emergency Orders, of the Clean Air Act; the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance; the applicable requirements of the Acid Rain Program, consistent with Section 408(a) of the Clean Air Act; or the ability of US EPA to obtain information from a source pursuant to Section 114 of the Clean Air Act. In addition, the permit shield shall not apply to emission units in noncompliance at the time of permit issuance, minor permit modifications (SC Regulation 61-62.70.7(e)(2)), group processing of minor permit modifications (SC Regulation 61-62.70.7(e)(3)), or operational flexibility (SC Regulation 61-62.70.7(e)(5)(i)), except as specified in SC Regulation 61-62.70.7(e)(5)(iii).

PART 7 - NESHAP REQUIREMENTS

PART 7.A - NESHAP PERIODIC REPORTING SCHEDULE SUMMARY

NESHAP Part	NESHAP Subpart	Compliance Monitoring Report Submittal Frequency	Reporting Period	Report Due Date
63	VVVV	Semiannual	January 1 through June 30 July 1 through December 31	Postmarked or delivered no later than 60 calendar days after the end of the semiannual reporting period.

Note:

- This table summarizes only the periodic compliance reporting schedule. Additional reports may be required. See specific NESHAP Subpart for additional reporting requirements and associated schedule.
- This reporting schedule does not supersede any other reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, 40 CFR Part 63, and/or Title V. The MACT reporting schedule may be adjusted to coincide with the Title V reporting schedule with prior approval from the Department in accordance with §63.10(a)(6). This request may be made 1 year after the compliance date for the associated MACT standard.

PART 7.B - NESHAP - GENERAL REQUIREMENTS

Condition Number	Condition

PART 7.B - NESHAP - GENERAL REQUIREMENTS

Condition Number	Condition
7.B.1	All NESHAP notifications and reports shall be sent to the South Carolina Department of Health and Environmental Control - Bureau of Air Quality (SCDHEC - BAQ) at the following address: <p style="text-align: center;">SCDHEC - BAQ Air Toxics Section 2600 Bull Street Columbia, SC 29201</p>
7.B.2	All NESHAP notifications and the cover letter to periodic reports shall be sent to the United States Environmental Protection Agency (US EPA) at the following address: <p style="text-align: center;">US EPA, Region 4 Air, Pesticides and Toxics Management Division 61 Forsyth Street Atlanta, GA 30303</p>
7.B.3	Additional general requirements as necessary.

PART 7.C - NESHAP PART 63 SUBPART VVVV - AFFECTED SOURCES

SUBPART VVVV - National Emission Standards For Hazardous Air Pollutants For Boat Manufacturing

Emission Unit ID	Equipment ID	Affected Source Description	MACT Control Device	Non-MACT Control Device
07	GS1	Gelcoat Spray System; 1 station	N/A	Dry Filters (DF)
07	RS1	Resin Spray System; 6 stations	N/A	Dry Filters (DF)
07	GS2	3 Atomizing Gel Coat Spray Guns	N/A	Dry Filters (F3)
07	RS2	6 Non-Atomizing Resin Flowcoaters	N/A	Dry Filters (F4)
08	A-OP	Carpet and Fabric Adhesive Operations	N/A	N/A
08	C-OP	Resin and Gel Coat Application Equipment Cleaning Operations	N/A	N/A

Part 7.C lists the affected sources as identified in the facility's Notice of Compliance Status and the Title V Permit Application.
N/A = Not Applicable

PART 7.C - NESHAP PART 63 SUBPART VVVV - CONDITIONS

SUBPART VVVV - National Emission Standards For Hazardous Air Pollutants For Boat Manufacturing

Condition Number	Emission Unit ID	Equipment ID	Condition
7.C.1	07	GS1 RS1 GS2 RS2	This facility is subject to the provisions of SC Regulation 61-62.63, National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Source Categories, and 40 CFR Part 63, National Emission Standards for Hazardous Air Pollutants, Subpart A - General Provisions and Subpart VVVV - National Emission Standards For Hazardous Air Pollutants for Boat Manufacturing.
	08	A-OP C-OP	

PART 7.C - NESHAP PART 63 SUBPART VVVV - CONDITIONS

SUBPART VVVV - National Emission Standards For Hazardous Air Pollutants For Boat Manufacturing

Condition Number	Emission Unit ID	Equipment ID	Condition
7.C.2	07	GS1 RS1 GS2 RS2	<p>In accordance with §63.6(e)(3), the owner or operator must develop a written startup, shutdown, and malfunction plan that describes, in detail, procedures for operating and maintaining the source during periods of startup, shutdown, and malfunction; and a program of corrective action for malfunctioning process, air pollution control, and monitoring equipment used to comply with Subpart VVVV.</p> <p>When actions taken by the owner or operator during a startup or shutdown (and the startup or shutdown causes the source to exceed any applicable emission limitation in the relevant emission standards), or malfunction (including actions taken to correct a malfunction) are consistent with the procedures specified in the affected source's startup, shutdown, and malfunction plan, the owner or operator must keep records for that event which demonstrate that the procedures specified in the plan were followed. These records may take the form of a "checklist," or other effective form of recordkeeping that confirms conformance with the startup, shutdown, and malfunction plan and describes the actions taken for that event. In addition, the owner or operator must keep records of these events as specified in paragraph §63.10(b), including records of the occurrence and duration of each startup or shutdown (if the startup or shutdown causes the source to exceed any applicable emission limitation in the relevant emission standards), or malfunction of operation and each malfunction of the air pollution control and monitoring equipment. Furthermore, the owner or operator shall confirm that actions taken during the relevant reporting period during periods of startup, shutdown, and malfunction were consistent with the affected source's startup, shutdown and malfunction plan in the semiannual (or more frequent) startup, shutdown, and malfunction report required in §63.10(d)(5). The startup, shutdown, and malfunction report shall be delivered or postmarked by the 30th day following the end of each calendar half (or other calendar reporting period, as appropriate).</p> <p>If an action taken by the owner or operator during a startup, shutdown, or malfunction (including an action taken to correct a malfunction) is not consistent with the procedures specified in the affected source's startup, shutdown, and malfunction plan, and the source exceeds any applicable emission limitation in Subpart VVVV, then the owner or operator must record the actions taken for that event and must report such actions within 2 working days after commencing actions inconsistent with the plan, followed by a letter within 7 working days after the end of the event, in accordance with §63.10(d)(5) (unless the owner or operator makes alternative reporting arrangements, in advance, with the Administrator).</p>
	08	A-OP C-OP	
7.C.3	07	GS1 RS1 GS2 RS2	<p>In accordance with §63.9(j), any change in the information already provided under Part 63 shall be provided to the Administrator in writing within 15 calendar days after the change.</p>
	08	A-OP C-OP	

PART 7.C - NESHAP PART 63 SUBPART VVVV - CONDITIONS

SUBPART VVVV - National Emission Standards For Hazardous Air Pollutants For Boat Manufacturing

Condition Number	Emission Unit ID	Equipment ID	Condition
7.C.4	07	GS1 RS1 GS2 RS2	The affected source as defined by Subpart VVVV is the combination of all of the boat manufacturing operations listed: Open molding resin and gel coat operations (including pigmented gel coat, clear gel coat, production resin, tooling gel coat, and tooling resin); Closed molding resin operations; Resin and gel coat mixing operations; Resin and gel coat application equipment cleaning operations; Carpet and fabric adhesive operations; Aluminum hull and deck coating operations, including solvent wipedown operations and paint spray gun cleaning operations, on aluminum recreational boats.
	08	A-OP C-OP	
7.C.5	07	GS1 RS1 GS2 RS2	In accordance with §63.5698(a), the owner/operator must limit organic HAP emissions from (1) production resin, (2) pigmented gel coat, (3) clear gel coat, (4) tooling resin and (5) tooling gel coat used open molding operations to the limit specified by equation 1 of §63.5698(b).
7.C.6	07	GS1 RS1 GS2 RS2	<p>In accordance with §63.5701, and based on the selection specified in the facility's Notice of Compliance Status Report, the owner/operator must use the option listed in paragraph (a) of this section to meet the emission limit in §63.5698 for the resins and gel coats used in open molding operations at the facility.</p> <p>(a) Maximum achievable control technology (MACT) model point value averaging (emissions averaging) option.</p> <p>(a)(1) Demonstrate that emissions from the open molding resin and gel coat operations that are averaged meet the emission limit in §63.5698 using the procedures described in §63.5710. Compliance with this option is based on a 12-month rolling average.</p> <p>(a)(2) Those operations and materials not included in the emissions average must comply with either paragraph (b) or (c) of §63.5701.</p>

PART 7.C - NESHAP PART 63 SUBPART VVVV - CONDITIONS

SUBPART VVVV - National Emission Standards For Hazardous Air Pollutants For Boat Manufacturing

Condition Number	Emission Unit ID	Equipment ID	Condition
7.C.7	07	GS1 RS1 GS2 RS2	<p>In accordance with §63.5704(a), emissions averaging option, for those open molding operations and materials complying using the emissions averaging option, the owner/operator must demonstrate compliance by performing the steps in paragraphs (a)(1) through (5) of this section.</p> <p>(a)(1) Use the methods specified in §63.5758 to determine the organic HAP content of resins and gel coats.</p> <p>(a)(2) Complete the calculations described in §63.5710 to show that the organic HAP emissions do not exceed the limit specified in §63.5698.</p> <p>(a)(3) Keep records as specified in paragraphs (a)(3)(i) through (iv) of this section for each resin and gel coat.</p> <p style="padding-left: 20px;">(a)(3)(i) Hazardous air pollutant content.</p> <p style="padding-left: 20px;">(a)(3)(ii) Amount of material used per month.</p> <p style="padding-left: 20px;">(a)(3)(iii) Application method used for production resin and tooling resin. This record is not required if all production resins and tooling resins are applied with nonatomized technology.</p> <p style="padding-left: 20px;">(a)(3)(iv) Calculations performed to demonstrate compliance based on MACT model point values, as described in §63.5710.</p> <p>(a)(4) Prepare and submit the implementation plan described in §63.5707 to the Administrator and keep it up to date.</p> <p>(a)(5) Submit semiannual compliance reports to the Administrator as specified in §63.5764.</p>
7.C.8	07	GS1 RS1 GS2 RS2	<p>In accordance with §63.5707, the owner/operator must keep the implementation plan, specified in §63.5707, on site and provide it to the Administrator when asked. If the owner/operator revises the implementation plan, the owner/operator must submit the revised plan with the next semiannual compliance report specified in §63.5764.</p>
7.C.9	07	GS1 RS1 GS2 RS2	<p>In accordance with §63.5710, at the end of the twelfth month after the compliance date and at the end of every subsequent month, use equation 1 of §63.5710 to demonstrate that the organic HAP emissions from those operations included in the average do not exceed the emission limit in §63.5698 calculated for the same 12-month period.</p>

PART 7.C - NESHAP PART 63 SUBPART VVVV - CONDITIONS

SUBPART VVVV - National Emission Standards For Hazardous Air Pollutants For Boat Manufacturing

Condition Number	Emission Unit ID	Equipment ID	Condition
7.C.10	08	C-OP	<p>In accordance with §63.5734,</p> <p>(a) For routine flushing of resin and gel coat application equipment (e.g., spray guns, flowcoaters, brushes, rollers, and squeegees), the owner/operator must use a cleaning solvent that contains no more than 5 percent organic HAP by weight. For removing cured resin or gel coat from application equipment, no organic HAP content limit applies.</p> <p>(b) The owner/operator must store organic HAP-containing solvents used for removing cured resin or gel coat in containers with covers. The covers must have no visible gaps and must be in place at all times, except when equipment to be cleaned is placed in or removed from the container. On containers with a capacity greater than 7.6 liters, the distance from the top of the container to the solvent surface must be no less than 0.75 times the diameter of the container. Containers that store organic HAP-containing solvents used for removing cured resin or gel coat are exempt from the requirements of Part 63 Subpart T. Cured resin or gel coat means resin or gel coat that has changed from a liquid to a solid.</p>
7.C.11	08	C-OP	<p>In accordance with §63.5737,</p> <p>(a) Determine and record the organic HAP content of the cleaning solvents subject to the standards specified in §63.5734 using the methods specified in §63.5758.</p> <p>(b) If the owner/operator recycles cleaning solvents on site, the owner/operator may use documentation from the solvent manufacturer or supplier or a measurement of the organic HAP content of the cleaning solvent as originally obtained from the solvent supplier for demonstrating compliance, subject to the conditions in §63.5758 for demonstrating compliance with organic HAP content limits.</p> <p>(c) At least once per month, the owner/operator must visually inspect any containers holding organic HAP-containing solvents used for removing cured resin and gel coat to ensure that the containers have covers with no visible gaps. Keep records of the monthly inspections and any repairs made to the covers.</p>
7.C.12	08	A-OP	<p>In accordance with §63.5740, the owner/operator must use carpet and fabric adhesives that contain no more than 5 percent organic HAP by weight. To demonstrate compliance with the emission limit of this section, the owner/operator must determine and record the organic HAP content of the carpet and fabric adhesives using the methods in §63.5758.</p>
7.C.13	07 08	GS1 RS1 GS2 RS2 A-OP C-OP	<p>In accordance with §63.5758, when the owner/operator determines the organic HAP content for each material the owner/operator must do so as outlined in §63.5758.</p>

PART 7.C - NESHAP PART 63 SUBPART VVVV - CONDITIONS

SUBPART VVVV - National Emission Standards For Hazardous Air Pollutants For Boat Manufacturing

Condition Number	Emission Unit ID	Equipment ID	Condition
7.C.14	07	GS1 RS1 GS2 RS2	In accordance with §63.5761, (a) The owner/operator must submit all of the notifications in Table 7 of Subpart VVVV that applies to the owner/operator by the dates in the table. The notifications are described more fully in Part 63, subpart A, General Provisions, referenced in Table 8 of Subpart VVVV.
	08	A-OP C-OP	(b) If the owner/operator changes any information submitted in any notification, the owner/operator must submit the changes in writing to the Administrator within 15 calendar days after the change.
7.C.15	07	GS1 RS1 GS2 RS2	In accordance with §63.5764, the owner/operator must submit the applicable reports specified. To the extent possible, the owner/operator must organize each report according to the operations covered by this subpart and the compliance procedure followed for that operation. Each compliance report must cover the applicable semiannual reporting period from January 1 through June 30 or from July 1 through December 31. Each compliance report must be postmarked or delivered no later than 60 calendar days after the end of the semiannual reporting period. The compliance report must include the information specified in paragraphs (c)(1) through (7) of §63.5764.
	08	A-OP C-OP	
7.C.16	07	GS1 RS1 GS2 RS2	In accordance with §63.5767, the owner/operator must keep the records specified in paragraphs (a) through (c) of this section in addition to records specified in individual sections Subpart VVVV. (a) The owner/operator must keep a copy of each notification and report that is submitted to comply with this subpart. (b) The owner/operator must keep all documentation supporting any notification or report that is submitted.
	08	A-OP C-OP	(c) If the facility is not controlled by an add-on control device (i.e., the facility is complying with organic HAP content limits, application equipment requirements, or MACT model point value averaging provisions), the owner/operator must keep the records specified in paragraphs (c)(1) this section. (c)(1) The total amounts of open molding production resin, pigmented gel coat, clear gel coat, tooling resin, and tooling gel coat used per month and the weighted-average organic HAP contents for each operation, expressed as weight-percent. For open molding production resin and tooling resin, the owner/operator must also record the amounts of each applied by atomized and nonatomized methods.

PART 7.C - NESHAP PART 63 SUBPART VVVV - CONDITIONS

SUBPART VVVV - National Emission Standards For Hazardous Air Pollutants For Boat Manufacturing

Condition Number	Emission Unit ID	Equipment ID	Condition
7.C.17	07	GS1 RS1 GS2 RS2	In accordance with §63.5770 : (a) Records must be readily available and in a form so they can be easily inspected and reviewed. (b) The owner/operator must keep each record for 5 years following the date that each record is generated. (c) The owner/operator must keep each record on site for at least 2 years after the date that each record is generated. The owner/operator can keep the records offsite for the remaining 3 years. (d) The owner/operator can keep the records on paper or an alternative media, such as microfilm, computer, computer disks, magnetic tapes, or on microfiche.
	08	A-OP C-OP	

PART 8 - TITLE V REPORTING REQUIREMENTS

PART 8.A - TITLE V PERIODIC REPORTING SCHEDULE

Compliance Monitoring Report Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Quarterly	January-March April-June July-September October-December	April 30th July 30th October 30th January 30th
Semiannual	January-June April-September July-December October-March	July 30th October 30th January 30th April 30th

Note: This reporting schedule does not supersede any Federal reporting requirements including but not limited to 40 CFR Part 60, 40 CFR Part 61, and 40 CFR Part 63. All Federal reports must meet the reporting time frames specified in the Federal standard unless the Department or EPA approves a change.

PART 8.B - TITLE V COMPLIANCE CERTIFICATION REPORTING SCHEDULE

Title V Compliance Certification Submittal Frequency	Reporting Period (Begins on the effective date of the permit)	Report Due Date
Annual	January-December April-March July-June October-September	February 14th May 15th August 14th November 14th

PART 8.C - TITLE V REPORTING CONDITIONS

Condition Number	Condition
8.C.1	Reporting required in this permit, shall be submitted in a timely manner as directed in Part 8.A and Part 8.B of this permit.
8.C.2	Unless elsewhere specified within this permit, all reports required under this permit shall be submitted to the Manager of the Technical Management Section, Bureau of Air Quality, at the following address: SCDHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201
8.C.3	All Title V Annual Compliance Certifications shall be sent to the United States Environmental Protection Agency (US EPA) and the South Carolina Department of Health and Environmental Control - Bureau of Air Quality (SCDHEC - BAQ) at the following addresses: US EPA, Region 4 Air Enforcement Branch 61 Forsyth Street Atlanta, GA 30303 SCDHEC - BAQ Technical Management Section 2600 Bull Street Columbia, SC 29201

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ATTACHMENT A

Modeled Emission Rates

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The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see conditions 4.B.9 and 4.B.10).

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2					
Emission Point ID	Modeled Emission Rates (lbs/hr)				
	TSP	PM10	SO ₂	NO _x	CO
S1	2.3832	2.0874	26.8993	9.4233	2.1588
S2	0.022	0.022	-	-	-
S3	0.11	0.11	-	-	-
S4	0.054	0.054	-	-	-
S7	0.0266	0.0266	0.0021	10	0.2940
S8	0.239	0.063	-	-	-
S9	0.024	0.024	-	-	-
S10	0.0043	0.0043	-	-	-
S11	1922.3	1922.3	14,489.9	10128.2	2649.3

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2			
Emission Point ID	Modeled Emission Rates (lbs/hr)		
	PM2.5	LEAD	GASEOUS FLUORIDES (as HF)
-	-	-	-
-	-	-	-

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7				
Emission Point ID	Modeled Emission Rates (lbs/hr)			
	PM2.5	PM10	SO ₂	NO _x
S3	-	0.08	-	-
S4	-	0.054	-	-
S7	-	0.0266	0.0021	10
S8	-	0.063	-	-
S9	-	0.024	-	-
S10	-	0.0043	-	-

TOXIC AIR POLLUTANTS MODELED - STANDARD NO. 8					
Emission Point ID	Modeled Emission Rates (lbs/hr)				
	Hexane 110-54-3	Methanol 67-56-1	<Pollutant> <CAS Number>	<Pollutant> <CAS Number>	<Pollutant> <CAS Number>
S7	0.69	12.4	-	-	-

ATTACHMENT B

Insignificant Activities

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The following table contains a list of activities which are considered insignificant pursuant to South Carolina Regulation 61-62.70.5(c). Sources listed below are not exempt from any otherwise applicable state or federal requirements including, but not limited to, opacity standards, ambient air quality standards, and air toxic standards.

INSIGNIFICANT ACTIVITIES			
Equipment ID	Source Description	Installation Date/ Modification Date	Basis
IA-GEN1	750 hp Diesel Emergency Generator	1/2/95	Meets the regulatory requirement of an emergency generator
IA-BST1	5,500 gallon Storage Tank	12/8/82	Insignificant Activity List (B.3)
IA-BBT1	5,500 gallon Storage Tank	12/8/82	Insignificant Activity List (B.3)
IA-OT1	11,000 gallon No.6 fuel oil tank	5/20/02	VOC < 5 TPY

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ATTACHMENT C

Applicable and Non-Applicable Federal and State Regulations

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The following contains the Federal and South Carolina air pollution regulations, which were specified in the Part 70, permit application and determined as applicable and non-applicable by the Department as of the date of this permit issuance. This attachment may be revised by the Department in the event of a change in the nature or emission of pollutants at the source or promulgation of new or revised regulations.

APPLICABILITY DETERMINATION				
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)
SC Regulation 61-62.1	Definitions and General Requirements	Y	D	
SC Regulation 61-62.2	Prohibition of Open Burning	Y	D	
SC Regulation 61-62.3	Air Pollution Episodes	N	J	Commissioner criteria
SC Regulation 61-62.4	Hazardous Air Pollution Conditions	Y	D	
SC Regulation 61-62.5, Std. No. 1	Emissions from Fuel Burning Operations	Y	I	
SC Regulation 61-62.5, Std. No. 2	Ambient Air Quality Standards	Y	D	
SC Regulation 61-62.5, Std. No. 3	Waste Combustion and Reduction	Y	I	
SC Regulation 61-62.5, Std. No. 3.1	Hospital, Medical, Infectious Waste Incinerators (HMIWI)	N	A	
SC Regulation 61-62.5, Std. No. 4	Emissions from Process Industries	Y	I	
SC Regulation 61-62.5, Std. No. 5	Volatile Organic Compounds	Y	I	
SC Regulation 61-62.5, Std. No. 5.1	Best Available Control Technology (BACT) / Lowest Achievable Emission Rate ("LAER") Applicable to Volatile Organic Compounds	N	C	
SC Regulation 61-62.5, Std. No. 5.2	Control of Oxides of Nitrogen (NOx)	N	C	
SC Regulation 61-62.5, Std. No. 6	Alternative Emission Limitation Options	N	J	Alternative emission limitation options not applied for.
SC Regulation 61-62.5, Std. No. 7	Prevention of Significant Deterioration	N	J	Emissions limitations taken to avoid PSD.
SC Regulation 61-62.5, Std. No. 8	Toxic Air Pollutants	Y	D	
SC Regulation 61-62.6	Control of Fugitive Particulate Matter	Y	D	
SC Regulation 61-62.7	Good Engineering Practice Stack Height	Y	D	
SC Regulation 61-62.60	SC Designated Facility Plan and NSPS (Subparts A - HHHH)	N	J	No emission units are currently subject to any New Source Performance Standards.
SC Regulation 61-62.63	National Emission Standards for Hazardous Air Pollutants (Subparts A - FFFF, HHHHH)	Y	I	

ATTACHMENT C

Applicable and Non-Applicable Federal and State Regulations

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APPLICABILITY DETERMINATION					
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)	
SC Regulation 61-62.68	Chemical Accident Prevention Provisions	Y	D		
SC Regulation 61-62.70	Title V Operating Permit Program	Y	I		
SC Regulation 61-62.72	Acid Rain	Y	I		
SC Regulation 61-62.96	NO _x Budget Trading Program	Y	I		
SC Regulation 61-62.99	NO _x Budget Trading Program Requirements for Stationary Sources Not in the Trading Program	N	A		
40 CFR 60 subpart A	General Provisions	N	A		
40 CFR 60 subpart B	Adoption and Submittal of State Plans for Designated Facilities	N	A		
40 CFR 60 subpart C	Emission Guidelines and Compliance Times	N	A		
40 CFR 60 subpart Cb	Emissions Guidelines and Compliance Times for Large Municipal Waste Combustors that are Constructed on or Before September 20, 1994	N	A		
40 CFR 60 subpart Cc	Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills	N	A		
40 CFR 60 subpart Cd	Emissions Guidelines and Compliance Times for Sulfuric Acid Production Units	N	A		
40 CFR 60 subpart Ce	Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators	N	A		
40 CFR 60 subpart D	Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971	N	A		
40 CFR 60 subpart Da	Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978	N	A		
40 CFR 60 subpart Db	Industrial-Commercial-Institutional Steam Generating Units	N	A		
40 CFR 60 subpart Dc	Small Industrial-Commercial-Institutional Steam Generating Units	N	A		
40 CFR 60 subpart E	Incinerators	N	A		
40 CFR 60 subpart Ea	Municipal Waste Combustors for Which Construction is Commenced After December 20, 1989 and on or Before September 20, 1994	N	A		

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Applicable and Non-Applicable Federal and State Regulations

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APPLICABILITY DETERMINATION				
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)
40 CFR 60 subpart Eb	Large Municipal Waste Combustors for Which Construction is Commenced After September 20, 1994 or for Which Modification or Reconstruction is Commenced After June 19, 1996	N	A	
40 CFR 60 subpart Ec	Hospital/Medical/Infectious Waste Incinerators for Which Construction is Commenced After June 20, 1996	N	A	
40 CFR 60 subpart F	Portland Cement Plants	N	A	
40 CFR 60 subpart G	Nitric Acid Plants	N	A	
40 CFR 60 subpart H	Sulfuric Acid Plants	N	A	
40 CFR 60 subpart I	Hot Mix Asphalt Facilities	N	A	
40 CFR 60 subpart J	Petroleum Refineries	N	A	
40 CFR 60 subpart K	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	N	A	
40 CFR 60 subpart Ka	Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984	N	A	
40 CFR 60 subpart Kb	Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	N	A	
40 CFR 60 subpart L	Secondary Lead Smelters	N	A	
40 CFR 60 subpart M	Secondary Brass and Bronze Production Plants	N	A	
40 CFR 60 subpart N	Primary Emissions from Basic Oxygen Process Furnaces for Which Construction is Commenced After June 11, 1973	N	A	
40 CFR 60 subpart Na	Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for Which Construction is Commenced After January 20, 1983	N	A	
40 CFR 60 subpart O	Sewage Treatment Plants	N	A	
40 CFR 60 subpart P	Primary Copper Smelters	N	A	
40 CFR 60 subpart Q	Primary Zinc Smelters	N	A	
40 CFR 60 subpart R	Primary Lead Smelters	N	A	
40 CFR 60 subpart S	Primary Aluminum Reduction Plants	N	A	

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Applicable and Non-Applicable Federal and State Regulations

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APPLICABILITY DETERMINATION				
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)
40 CFR 60 subpart T	Phosphate Fertilizer Industry: Wet Process Phosphoric Acid Plants	N	A	
40 CFR 60 subpart U	Phosphate Fertilizer Industry: Super Phosphoric Acid Plants	N	A	
40 CFR 60 subpart V	Phosphate Fertilizer Industry: Diammonium Phosphate Plants	N	A	
40 CFR 60 subpart W	Phosphate Fertilizer Industry: Triple Superphosphate Plants	N	A	
40 CFR 60 subpart X	Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities	N	A	
40 CFR 60 subpart Y	Coal Preparation Plants	N	A	
40 CFR 60 subpart Z	Ferroalloy Production Facilities	N	A	
40 CFR 60 subpart AA	Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974 and on or Before August 17, 1983	N	A	
40 CFR 60 subpart AAa	Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 7, 1983	N	A	
40 CFR 60 subpart BB	Kraft Pulp Mills	N	A	
40 CFR 60 subpart CC	Glass Manufacturing Plants	N	A	
40 CFR 60 subpart DD	Grain Elevators	N	A	
40 CFR 60 subpart EE	Surface Coating of Metal Furniture	N	A	
40 CFR 60 subpart GG	Stationary Gas Turbines	N	A	
40 CFR 60 subpart HH	Lime Manufacturing Plants	N	A	
40 CFR 60 subpart KK	Lead-Acid Battery Manufacturing Plants	N	A	
40 CFR 60 subpart LL	Metallic Mineral Processing Plants	N	A	
40 CFR 60 subpart MM	Automobile and Light Duty Truck Surface Coating Operations	N	A	
40 CFR 60 subpart NN	Phosphate Rock Plants	N	A	
40 CFR 60 subpart PP	Ammonium Sulfate Manufacture	N	A	
40 CFR 60 subpart QQ	Graphic Arts Industry: Publication Rotogravure Printing	N	A	
40 CFR 60 subpart RR	Pressure Sensitive Tape and Label Surface Coating Operations	N	A	
40 CFR 60 subpart SS	Industrial Surface Coating: Large Appliances	N	A	
40 CFR 60 subpart TT	Metal Coil Surface Coating	N	A	
40 CFR 60 subpart UU	Asphalt Processing and Asphalt Roofing Manufacture	N	A	
40 CFR 60 subpart VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Mfg. Industry	N	A	

ATTACHMENT C

Applicable and Non-Applicable Federal and State Regulations

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APPLICABILITY DETERMINATION				
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)
40 CFR 60 subpart WW	Beverage Can Surface Coating Industry	N	A	
40 CFR 60 subpart XX	Bulk Gasoline Terminals	N	A	
40 CFR 60 subpart AAA	New Residential Wood Heaters	N	A	
40 CFR 60 subpart BBB	Rubber Tire Manufacturing Industry	N	A	
40 CFR 60 subpart DDD	Volatile Organic Compound Emissions from the Polymer Manufacturing Industry	N	A	
40 CFR 60 subpart FFF	Flexible Vinyl and Urethane Coating and Printing	N	A	
40 CFR 60 subpart GGG	Equipment Leaks of VOC in Petroleum Refineries	N	A	
40 CFR 60 subpart HHH	Synthetic Fiber Production Facilities	N	A	
40 CFR 60 subpart III	Volatile Organic Compound Emissions from the Synthetic Organic Chemical Manufacturing Industry Air Oxidation Unit Processes	N	A	
40 CFR 60 subpart JJJ	Petroleum Dry Cleaners	N	A	
40 CFR 60 subpart KKK	Equipment Leaks of VOC from Onshore Natural Gas Processing Plants	N	A	
40 CFR 60 subpart LLL	Onshore Natural Gas Processing: SO ₂ Emissions	N	A	
40 CFR 60 subpart NNN	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Distillation Operations	N	A	
40 CFR 60 subpart OOO	Nonmetallic Mineral Processing Plants	N	A	
40 CFR 60 subpart PPP	Wool Fiberglass Insulation Manufacturing Plants	N	A	
40 CFR 60 subpart QQQ	VOC Emissions from Petroleum Refinery Wastewater Systems	N	A	
40 CFR 60 subpart RRR	Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry Reactor Processes	N	A	
40 CFR 60 subpart SSS	Magnetic Tape Coating Facilities	N	A	
40 CFR 60 subpart TTT	Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines	N	A	
40 CFR 60 subpart UUU	Calciners and Dryers in Mineral Industries	N	A	
40 CFR 60 subpart VVV	Polymeric Coating of Supporting Substrates Facilities	N	A	

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APPLICABILITY DETERMINATION				
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)
40 CFR 60 subpart WWW	Municipal Solid Waste Landfills	N	A	
40 CFR 60 subpart AAAA	Small Municipal Waste Combustion Units After August 30, 1999 or for Which Modification or Reconstruction is Commenced After June 6, 2001	N	A	
40 CFR 60 subpart BBBB	Emission Guidelines and Compliance Times for Small Municipal Waste Constructed on or Before August 30, 1999	N	A	
40 CFR 60 subpart CCCC	Commercial and Industrial Solid Waste Incineration Units for Which Construction is Commenced After November 30, 1999 or for Which Modification or Reconstruction is Commenced on or After June 1, 2001	N	A	
40 CFR 60 subpart DDDD	Emissions Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction On or Before November 30, 1999	N	A	
40 CFR 60 subpart HHHH	Emission Guidelines And Compliance Times For Coal-Fired Electric Steam Generating Units	N	A	
40 CFR 61 subpart A	General Provisions	N	A	
40 CFR 61 subpart B	Radon Emissions from Underground Uranium Mines	N	A	
40 CFR 61 subpart C	Beryllium	N	A	
40 CFR 61 subpart D	Beryllium Rocket Motor Firing	N	A	
40 CFR 61 subpart E	Mercury	N	A	
40 CFR 61 subpart F	Vinyl chloride	N	A	
40 CFR 61 subpart H	Radionuclides Other Than Radon From Department of Energy Facilities	N	A	
40 CFR 61 subpart I	Radionuclide Emissions From Facilities Licensed by the Nuclear Regulatory Commission and Federal Facilities Not covered by Subpart H	N	A	
40 CFR 61 subpart J	Equipment Leaks (Fugitive Emission Source) of Benzene	N	A	
40 CFR 61 subpart K	National Emission Standards For Radionuclide Emissions From Elemental Phosphorus Plants	N	A	

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APPLICABILITY DETERMINATION				
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)
40 CFR 61 subpart L	Benzene Emissions From Coke By-Product Recovery Plants	N	A	
40 CFR 61 subpart N	Inorganic Arsenic Emissions From Glass Manufacturing Plants	N	A	
40 CFR 61 subpart O	Inorganic Arsenic Emissions From Primary Copper Smelters	N	A	
40 CFR 61 subpart P	Inorganic Arsenic Emissions From Arsenic Trioxide and Metallic Arsenic Production Facilities	N	A	
40 CFR 61 subpart Q	Radon Emissions From Department of Energy Facilities	N	A	
40 CFR 61 subpart R	Radon Emissions From Phosphogypsum Stacks	N	A	
40 CFR 61 subpart T	Radon Emissions From the Disposal of Uranium Mill Tailings	N	A	
40 CFR 61 subpart V	Equipment Leaks (Fugitive Emission Sources)	N	A	
40 CFR 61 subpart W	Radon Emissions From Operating Mill Tailings	N	A	
40 CFR 61 subpart Y	Benzene Emissions From Benzene Storage Vessels	N	A	
40 CFR 61 subpart BB	Benzene Emissions From Benzene Transfer Operations	N	A	
40 CFR 61 subpart FF	Benzene Waste Operations	N	A	
40 CFR 63 subpart A	General Provisions	Y	I	
40 CFR 63 subpart B	Requirements for Control Technology Determinations for Major Sources	N	A	
40 CFR 63 subpart C	De-Listings	N	A	
40 CFR 63 subpart D	Compliance Extensions for Early Reduction Sources	N	A	
40 CFR 63 subpart E	Approval of State Programs and Delegation of Authority	N	A	
40 CFR 63 subpart F	Synthetic Organic Chemical Manufacturing Industry, HON	N	A	
40 CFR 63 subpart F	Tetrahydrobenzaldehyde Manufacture (Formerly Butadiene Dimers Production)	N	A	
40 CFR 63 subpart G	Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater, HON	N	A	

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APPLICABILITY DETERMINATION				
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)
40 CFR 63 subpart H	Synthetic Organic Chemical Manufacturing Industry for Equipment Leaks, HON	N	A	
40 CFR 63 subpart I	Synthetic Organic Chemical Manufacturing Industry for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks, HON	N	A	
40 CFR 63 subpart J	Polyvinyl Chloride and Copolymers Production	N	A	
40 CFR 63 subpart L	Coke Ovens	N	A	
40 CFR 63 subpart M	Dry Cleaning	N	A	
40 CFR 63 subpart N	Chrome Electroplating	N	A	
40 CFR 63 subpart O	Ethylene Oxide Commercial Sterilization Facilities	N	A	
40 CFR 63 subpart Q	Industrial Process Cooling Towers	N	A	
40 CFR 63 subpart R	Gasoline Distribution (Bulk Gasoline Terminals and Pipeline Breakout Stations), Stage I	N	A	
40 CFR 63 subpart S	Pulp and Paper Cluster Rule	N	A	
40 CFR 63 subpart T	Degreasing Organic Cleaners (Halogenated Solvent Cleaning)	N	A	
40 CFR 63 subpart U	Polymers and Resins Group I	N	A	
40 CFR 63 subpart W	Polymers and Resins Group II, Epoxy Resins Production and Non-Nylon Polyamides Production	N	A	
40 CFR 63 subpart X	Secondary Lead Smelting	N	A	
40 CFR 63 subpart Y	Marine Vessel Unloading Operations	N	A	
40 CFR 63 subpart AA	Phosphoric Acid Manufacturing Plants	N	A	
40 CFR 63 subpart BB	Phosphate Fertilizers	N	A	
40 CFR 63 subpart CC	Petroleum Refineries	N	A	
40 CFR 63 subpart DD	Off-Site Waste and Recovery Operations	N	A	
40 CFR 63 subpart EE	Magnetic Tape Manufacturing	N	A	
40 CFR 63 subpart FF	Benzene Waste Operations	N	A	
40 CFR 63 subpart GG	Aerospace Manufacturing and Rework Facilities	N	A	
40 CFR 63 subpart HH	Oil and Gas Production Facilities	N	A	
40 CFR 63 subpart II	Shipbuilding and Ship repair Facilities (Coating Operations)	N	A	
40 CFR 63 subpart JJ	Wood Furniture Manufacturing Operations	N	A	
40 CFR 63 subpart KK	Printing and Publishing	N	A	
40 CFR 63 subpart LL	Primary Aluminum Reduction Plants	N	A	

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APPLICABILITY DETERMINATION				
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)
40 CFR 63 subpart MM	Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills	N	A	
40 CFR 63 subpart OO	Tanks- Level 1	N	A	
40 CFR 63 subpart WW	Tanks - Level 2	N	A	
40 CFR 63 subpart PP	Containers	N	A	
40 CFR 63 subpart QQ	Surface Impoundments QQ	N	A	
40 CFR 63 subpart RR	Individual Drain Systems	N	A	
40 CFR 63 subpart SS	Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or Process	N	A	
40 CFR 63 subpart TT	Equipment Leaks-Control Level 1	N	A	
40 CFR 63 subpart UU	Equipment Leaks-Control Level 2	N	A	
40 CFR 63 subpart VV	Oil-Water Separators and Organic-Water Separators	N	A	
40 CFR 63 subpart YY	Generic Maximum Achievable Control Technology (MACT) Standards	N	A	
40 CFR 63 subpart CCC	Steel Pickling Facilities	N	A	
40 CFR 63 subpart DDD	Mineral Wool Production	N	A	
40 CFR 63 subpart EEE	Hazardous Waste Combustors	N	A	
40 CFR 63 subpart GGG	Pharmaceuticals Production	N	A	
40 CFR 63 subpart HHH	Natural Gas Transmission and Storage Facilities	N	A	
40 CFR 63 subpart III	Flexible Polyurethane Foam Production	N	A	
40 CFR 63 subpart JJJ	Polymers and Resins Group IV	N	A	
40 CFR 63 subpart LLL	Portland Cement Manufacturing	N	A	
40 CFR 63 subpart MMM	Pesticide Active Ingredients Production	N	A	
40 CFR 63 subpart NNN	Wool Fiberglass Production	N	A	
40 CFR 63 subpart OOO	Manufacture of Amino/Phenolic Resins	N	A	
40 CFR 63 subpart PPP	Polyether Polyols Production	N	A	
40 CFR 63 subpart QQQ	Primary Copper	N	A	
40 CFR 63 subpart RRR	Secondary Aluminum Production	N	A	
40 CFR 63 subpart TTT	Primary Lead Smelting	N	A	
40 CFR 63 subpart UUU	Petroleum Refineries (catalytic cracking, catalytic reforming and sulfur plant units)	N	A	
40 CFR 63 subpart VVV	Publicly Owned Treatment Works	N	A	
40 CFR 63 subpart XXX	Ferroalloy Production	N	A	
40 CFR 63 subpart AAAA	Municipal Solid Waste (MSW) Landfills	N	A	

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APPLICABILITY DETERMINATION				
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)
40 CFR 63 subpart CCCC	Manufacturing of Nutritional Yeast	N	A	
40 CFR 63 subpart DDDD	Plywood and Composite Wood Products	N	A	
40 CFR 63 subpart EEEE	Organic Liquids Distribution (non-gasoline)	N	A	
40 CFR 63 subpart FFFF	Misc. Organic Chemical Manufacturing (MON)	N	E	
40 CFR 63 subpart GGGG	Solvent Extraction for Vegetable Oil Production	N	A	
40 CFR 63 subpart HHHH	Wetted Formed Fiberglass Mat Production	N	A	
40 CFR 63 subpart IIII	Automobile and Light Duty Trucks (surface coating)	N	A	
40 CFR 63 subpart JJJJ	Paper & Other Web Coatings (paper, plastic, film, foil, etc.)	N	A	
40 CFR 63 subpart KKKK	Metal Cans (Surface Coating)	N	A	
40 CFR 63 subpart MMMM	Misc. Metal Parts and Products (Surface Coating)	N	A	
40 CFR 63 subpart NNNN	Large Appliance (surface coating)	N	A	
40 CFR 63 subpart OOOO	Fabric Printing, Coating and Dyeing	N	A	
40 CFR 63 subpart PPPP	Plastic Parts and Products (Surface Coating)	N	A	
40 CFR 63 subpart QQQQ	Wood Building Products (surface coating)	N	A	
40 CFR 63 subpart RRRR	Metal Furniture (surface coating)	N	A	
40 CFR 63 subpart SSSS	Metal Coil (surface coating)	N	A	
40 CFR 63 subpart TTTT	Leather Finishing Operations	N	A	
40 CFR 63 subpart UUUU	Cellulose Production Manufacturing	N	A	
40 CFR 63 subpart VVVV	Boat Manufacturing	Y	I	
40 CFR 63 subpart WWWW	Reinforced Plastics Composites Production	N	A	
40 CFR 63 subpart XXXX	Tire Manufacturing	N	A	

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APPLICABILITY DETERMINATION				
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)
40 CFR 63 subpart YYYY	Combustion Turbines	N	A	
40 CFR 63 subpart ZZZZ	Reciprocating Internal Combustion Engines (RICE)	N	A	
40 CFR 63 subpart AAAAA	Lime Manufacturing	N	A	
40 CFR 63 subpart BBBBB	Semiconductor Manufacturing	N	A	
40 CFR 63 subpart CCCCC	Coke Ovens: Pushing, Quenching and Battery Stacks	N	A	
40 CFR 63 subpart EEEEE	Iron and Steel Foundries	N	A	
40 CFR 63 subpart FFFFF	Integrated Iron and Steel	N	A	
40 CFR 63 subpart GGGGG	Site Remediation	N	A	
40 CFR 63 subpart HHHHH	Misc. Coating Manufacturing	Y	I	
40 CFR 63 subpart IIIII	Mercury Cell Chlor-Alkali Plants	N	A	
40 CFR 63 subpart JJJJJ	Brick and Structural Clay Products Manufacturing	N	A	
40 CFR 63 subpart KKKKK	Clay Ceramic Manufacturing	N	A	
40 CFR 63 subpart LLLLL	Asphalt Roofing and Asphalt Processing	N	A	
40 CFR 63 subpart MMMMM	Flexible Polyurethane Foam Fabrication Operation	N	A	
40 CFR 63 subpart NNNNN	Hydrochloric Acid Production and Fumed Silica Production	N	A	
40 CFR 63 subpart PPPPP	Engine Test Cells/Stands	N	A	
40 CFR 63 subpart QQQQQ	Friction Materials Manufacturing	N	A	
40 CFR 63 subpart RRRRR	Taconite Iron Ore Processing	N	A	
40 CFR 63 subpart SSSSS	Refractory Products Manufacturing	N	A	
40 CFR 63 subpart TTTTT	Primary Magnesium Refining	N	A	
40 CFR 64	Compliance Assurance Monitoring	Y	I	
40 CFR 68	Risk Management Programs Under Section 112(r)	Y	D	

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APPLICABILITY DETERMINATION				
Citation	Regulation	Applicable (Yes / No)	*Standard Reason Indicator	Comments (Explain "J - Other" Reason)
40 CFR 72	Permits Regulation - Acid Rain Program	Y	I	
40 CFR Part 73	SO ₂ - Allowance System	Y	I	
40 CFR Part 75	SO ₂ - NO _x - CO ₂ - Continuous Emission Monitoring	Y	I	
40 CFR Part 76	Acid Rain Nitrogen Oxides Emission Reduction Program	Y	I	

STANDARD REASON INDICATOR	
(*Select one of the standard reasons listed below, then specify by the appropriate indicator letter.)	
Indicator	Standard Reason
A	The facility is not in the applicable source category.
B	The specified source/process is not present at the facility.
C	The facility/unit was constructed or last modified prior to the effective date of the rule.
D	Applies to all facilities.
E	Rule/Standard proposed, but not final/effective.
F	The facility/unit emits pollutants at a level less than established by the rule.
G	The facility/unit design capacity or production capacity is less than established by the rule.
H	The facility is not in a special control/non-attainment area.
I	Applicable to facility; requirements are listed in permit application and facility has certified compliance.
J	Other (explain).

ATTACHMENT D

Approved Control Device Performance Indicators And Operational Ranges

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CONTROL DEVICE PERFORMANCE INDICATORS AND OPERATIONAL RANGES						
Emission Unit ID	Equipment ID	Control Device ID	Pollutant Controlled	Applicable Requirement	Parameter Monitored, Performance Indicator, etc.	Operational Range
		CD-				
		CD-				
		CD-				
		CD-				
		CD-				

Draft

State of South Carolina Acid Rain Permit

Issued to: ABC, LLC
 Operated by: ABC, LLC
 ORIS code: <ORIS CODE>
 Permit No.: 1234-5678
 Issue Date: September 24, 2008
 Effective Date: January 01, 2009
 Expiration Date: December 31, 2013

Acid Rain Permit Contents:

- 1) Statement of Basis
- 2) SO₂ Allowance Allocation and NO_x Requirements for Each Affected Unit.
- 3) Permit Revisions
- 4) The permit application submitted for this source, as corrected by South Carolina Department of Health and Environmental Control. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application.

1) Statement of Basis:

In accordance with the provisions of the Federal Clean Air Act as amended in 1990, the Pollution Control Act, Sections 48-1-50(5) and 48-1-110(a) and Titles IV and V of the Clean Air Act, the South Carolina Department of Health and Environmental Control issues this permit pursuant to the 1976 Code of Laws of South Carolina, as amended, Regulation 61-62.

2) SO₂ Allowance Allocations and NO_x Requirements for Each Affected Unit:

SO ₂ Allowance Allocations * (Under Tables 2, 3, or 4 of 40 CFR Part 73)				
Emission Unit ID	Equipment ID	2000 - 2009	2010 and Beyond	Additional Requirements
01	B2	3814	3814	

* The number of allowances actually held by an effected source in a unit account may differ from the number allocated by U. S. EPA. If so, a revision to the unit SO₂ allowance allocations identified in this permit is not necessary. (See 40 CFR 72.84)

NO _x Emission Limitations (On an Annual Average Basis)			
Emission Unit ID	Equipment ID	lb/10 ⁶ BTU of Heat Input	Additional Requirements
01	B2		Pursuant to 40 CFR part 76.8(d)(2), the SCDHEC, Bureau of Air Quality approves NO _x early election compliance plan for Unit 2. The compliance plan is effective for calendar year 2000 through calendar year 2007. Under the compliance plan, this unit's annual average NO _x emission rate for each year, determined in accordance with 40 CFR part 75, shall not exceed the applicable emission limitation, under 40 CFR 76.5(a)(1) of 0.45 lb/10 ⁶ BTU for tangentially fired boilers. If the unit is in compliance with its applicable emission limitation above for each year of the plan, then the unit shall not be subject to the applicable emission limitation, under 40 CFR 76.7(a)(1), of 0.40 lb/10 ⁶ BTU until calendar year 2008.

NO_x Emission Limitations (On an Annual Average Basis)			
Emission Unit ID	Equipment ID	lb/10⁶ BTU of Heat Input	Additional Requirements
01	B2		In addition to the described NO _x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR Part 76, including the duty to reapply for a NO _x compliance plan and requirements covering excess emissions.

3) Permit Revisions:

RECORD OF REVISIONS			
Revision Number	Final Revision Date	Type of Revision (AA, MM, SM)	Description of Change (Specific Parts, Sections, and Tables Revised or Added)

- AA = Administrative Amendment
- MM = Minor Modification
- SM = Significant Modification

Send copies of all revisions to Permit File, Regional EQC Office, US EPA, and Environmental Contact.

4) Permit Application and Compliance Plan:

The acid rain permit application and compliance plan are incorporated into the permit and constitutes an enforceable part of the permit.

